

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: P331761-930

Luminaire Tested: **S122RDIP-S1005D1080U930-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331761-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1080 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6539.1 lumens
Efficiency: N/A
Efficacy: 91.2 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: General Diffuse

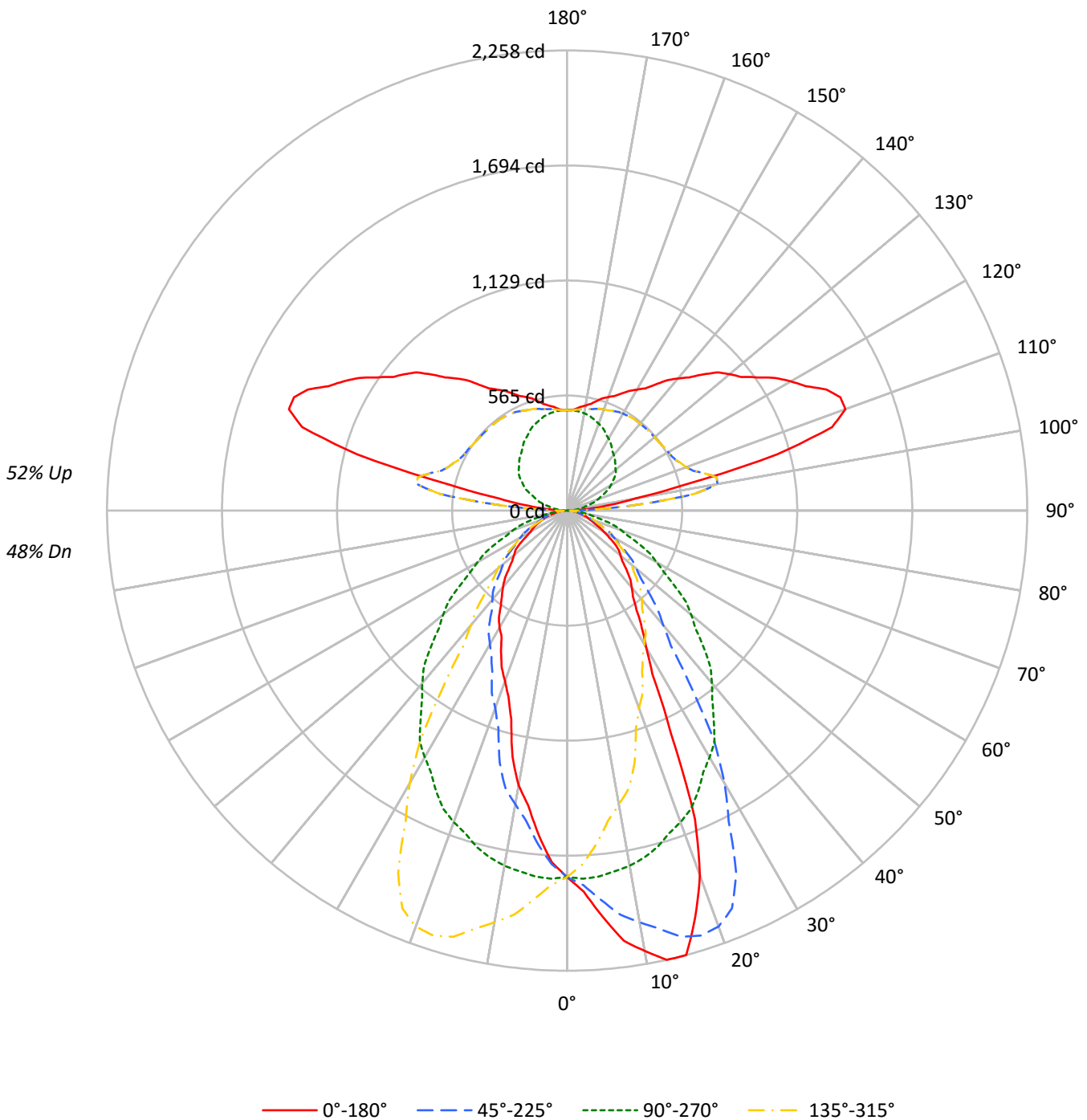
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 48 |
| 1 | 98 | 94 | 90 | 87 | 90 | 87 | 84 | 81 | 73 | 71 | 69 | 60 | 59 | 57 | 49 | 48 | 47 | 42 |
| 2 | 90 | 83 | 77 | 72 | 82 | 77 | 72 | 68 | 65 | 61 | 58 | 54 | 51 | 49 | 44 | 42 | 41 | 36 |
| 3 | 82 | 74 | 67 | 61 | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 48 | 45 | 43 | 40 | 37 | 36 | 31 |
| 4 | 76 | 66 | 58 | 53 | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 | 28 |
| 5 | 70 | 59 | 51 | 46 | 64 | 55 | 48 | 43 | 47 | 42 | 38 | 40 | 36 | 33 | 33 | 30 | 28 | 25 |
| 6 | 65 | 53 | 46 | 40 | 60 | 50 | 43 | 38 | 43 | 37 | 34 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |
| 7 | 60 | 48 | 41 | 36 | 55 | 45 | 38 | 34 | 39 | 34 | 30 | 33 | 29 | 26 | 28 | 25 | 23 | 20 |
| 8 | 56 | 44 | 37 | 32 | 52 | 41 | 35 | 30 | 36 | 31 | 27 | 31 | 27 | 24 | 26 | 23 | 21 | 18 |
| 9 | 52 | 41 | 33 | 29 | 48 | 38 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 22 | 24 | 21 | 19 | 17 |
| 10 | 49 | 37 | 30 | 26 | 45 | 35 | 29 | 25 | 31 | 26 | 22 | 26 | 22 | 20 | 22 | 19 | 17 | 15 |

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: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 170.4 | 2.6 |
| 10°-20° | 474.9 | 7.3 |
| 20°-30° | 612.0 | 9.4 |
| 30°-40° | 581.6 | 8.9 |
| 40°-50° | 498.2 | 7.6 |
| 50°-60° | 379.4 | 5.8 |
| 60°-70° | 239.9 | 3.7 |
| 70°-80° | 119.8 | 1.8 |
| 80°-90° | 35.6 | 0.5 |
| 90°-100° | 196.9 | 3.0 |
| 100°-110° | 668.2 | 10.2 |
| 110°-120° | 709.9 | 10.9 |
| 120°-130° | 584.4 | 8.9 |
| 130°-140° | 469.3 | 7.2 |
| 140°-150° | 354.6 | 5.4 |
| 150°-160° | 249.2 | 3.8 |
| 160°-170° | 146.7 | 2.2 |
| 170°-180° | 47.8 | 0.7 |
| 0°-30° | 1257.4 | 19.2 |
| 0°-40° | 1839.0 | 28.1 |
| 0°-60° | 2716.7 | 41.5 |
| 0°-90° | 3111.9 | 47.6 |
| 90°-120° | 1575.1 | 24.1 |
| 90°-150° | 2983.4 | 45.6 |
| 90°-180° | 3427.0 | 52.4 |
| 0°-180° | 6539.1 | 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 | 18 |
| 95° | 108 | 33 | 108 | 33 | 108 | 140 |
| 105° | 1067 | 116 | 1067 | 116 | 1067 | 1033 |
| 115° | 1405 | 204 | 1405 | 204 | 1405 | 1375 |
| 125° | 1139 | 284 | 1139 | 284 | 1139 | 1030 |
| 135° | 944 | 333 | 944 | 333 | 944 | 734 |
| 145° | 754 | 381 | 754 | 381 | 754 | 479 |
| 155° | 634 | 433 | 634 | 433 | 634 | 296 |
| 165° | 556 | 472 | 556 | 472 | 556 | 159 |
| 175° | 501 | 492 | 501 | 492 | 501 | 49 |
| 180° | 492 | 492 | 492 | 492 | 492 | |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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 | 14.8 | 14.8 | 14.8 | 14.8 | 14.6 | 14.2 | 15.1 | 14.8 | 15.4 | 14.8 |
| 90° | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 30.3 | 28.5 | 30.3 | 31.2 | 32.2 | 31.2 |
| 92.5° | 52.5 | 54.0 | 53.2 | 56.3 | 57.0 | 62.9 | 70.8 | 82.6 | 104.0 | 123.1 | 121.4 |
| 95° | 107.9 | 107.0 | 109.9 | 117.4 | 129.7 | 150.6 | 190.4 | 248.2 | 324.9 | 371.3 | 328.6 |
| 97.5° | 212.5 | 220.5 | 234.3 | 257.6 | 302.9 | 371.3 | 473.8 | 579.0 | 664.9 | 633.8 | 477.4 |
| 100° | 339.1 | 356.1 | 383.6 | 424.3 | 502.9 | 617.5 | 747.3 | 864.7 | 884.6 | 748.2 | 515.2 |
| 102.5° | 596.7 | 619.8 | 654.1 | 723.6 | 809.0 | 930.4 | 1025.3 | 1051.9 | 966.5 | 752.0 | 500.8 |
| 105° | 1067.4 | 1080.7 | 1121.4 | 1180.1 | 1238.8 | 1270.1 | 1257.8 | 1150.7 | 953.7 | 701.8 | 472.6 |
| 107.5° | 1363.4 | 1381.0 | 1389.2 | 1392.4 | 1385.0 | 1339.2 | 1240.7 | 1079.5 | 870.6 | 648.0 | 458.6 |
| 110° | 1452.9 | 1453.8 | 1445.3 | 1427.3 | 1386.6 | 1308.9 | 1187.6 | 1018.1 | 818.3 | 622.2 | 455.6 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1451.3 | 1446.3 | 1430.1 | 1400.0 | 1343.4 | 1254.3 | 1124.8 | 962.1 | 782.0 | 605.6 | 456.3 |
| 115° | 1404.6 | 1396.0 | 1371.4 | 1327.9 | 1260.6 | 1163.0 | 1039.0 | 893.2 | 736.9 | 587.2 | 460.3 |
| 117.5° | 1321.0 | 1313.9 | 1287.8 | 1241.9 | 1173.3 | 1081.8 | 969.3 | 841.2 | 708.4 | 578.3 | 467.1 |
| 120° | 1267.2 | 1257.8 | 1230.3 | 1185.8 | 1119.5 | 1033.3 | 932.9 | 815.5 | 693.2 | 573.0 | 471.7 |
| 122.5° | 1211.1 | 1203.2 | 1178.8 | 1135.0 | 1075.5 | 997.7 | 902.6 | 795.0 | 680.4 | 570.0 | 477.0 |
| 125° | 1139.4 | 1131.8 | 1108.2 | 1072.1 | 1017.2 | 946.2 | 862.8 | 765.2 | 662.0 | 564.5 | 484.9 |
| 127.5° | 1076.5 | 1070.4 | 1049.9 | 1016.3 | 968.3 | 902.8 | 824.2 | 735.9 | 645.0 | 561.3 | 493.1 |
| 130° | 1040.9 | 1033.3 | 1014.4 | 982.2 | 935.7 | 873.3 | 798.4 | 717.0 | 633.7 | 559.7 | 499.1 |
| 132.5° | 1003.7 | 996.9 | 979.5 | 947.3 | 901.6 | 842.9 | 774.2 | 698.8 | 624.5 | 559.0 | 505.2 |
| 135° | 944.3 | 940.4 | 923.4 | 892.2 | 851.4 | 798.4 | 735.9 | 673.4 | 611.8 | 557.8 | 512.4 |
| 137.5° | 885.9 | 880.3 | 865.3 | 838.4 | 801.3 | 755.0 | 705.4 | 653.1 | 602.9 | 557.7 | 518.9 |
| 140° | 845.8 | 840.1 | 825.9 | 801.3 | 770.9 | 729.3 | 685.7 | 640.3 | 597.6 | 556.9 | 521.9 |
| 142.5° | 805.6 | 804.5 | 791.8 | 769.4 | 740.6 | 705.8 | 668.3 | 629.7 | 592.3 | 556.9 | 524.2 |
| 145° | 753.9 | 751.1 | 741.6 | 725.5 | 702.8 | 675.3 | 646.0 | 614.7 | 585.3 | 555.0 | 526.6 |
| 147.5° | 710.5 | 708.8 | 702.4 | 689.5 | 670.7 | 650.7 | 627.8 | 603.2 | 578.1 | 551.6 | 527.3 |
| 150° | 684.8 | 683.8 | 678.2 | 666.8 | 652.6 | 635.5 | 615.6 | 594.8 | 572.0 | 549.3 | 526.6 |
| 152.5° | 662.8 | 662.6 | 658.4 | 648.6 | 637.4 | 622.6 | 605.8 | 586.4 | 566.7 | 545.5 | 525.1 |
| 155° | 633.7 | 635.5 | 631.7 | 625.1 | 614.7 | 604.2 | 590.0 | 574.9 | 556.9 | 538.9 | 522.8 |
| 157.5° | 608.8 | 608.8 | 607.1 | 601.6 | 594.2 | 586.0 | 574.1 | 561.4 | 547.6 | 532.1 | 518.4 |
| 160° | 592.9 | 592.9 | 591.9 | 587.2 | 580.6 | 574.0 | 563.5 | 553.1 | 540.8 | 527.6 | 516.2 |
| 162.5° | 577.7 | 578.5 | 577.6 | 574.3 | 567.7 | 562.6 | 553.7 | 544.8 | 534.8 | 523.7 | 513.9 |
| 165° | 556.0 | 556.9 | 556.9 | 553.1 | 549.3 | 545.5 | 538.9 | 532.3 | 524.7 | 516.2 | 509.6 |
| 167.5° | 535.9 | 537.0 | 537.2 | 535.1 | 533.5 | 530.0 | 525.5 | 520.3 | 514.9 | 509.6 | 505.2 |
| 170° | 523.7 | 525.6 | 526.6 | 523.7 | 522.8 | 520.9 | 517.1 | 514.3 | 509.6 | 505.7 | 502.9 |
| 172.5° | 513.9 | 515.0 | 516.0 | 514.7 | 513.7 | 512.6 | 509.6 | 507.4 | 504.3 | 501.2 | 499.9 |
| 175° | 501.0 | 502.9 | 503.9 | 502.9 | 502.9 | 502.0 | 501.0 | 500.1 | 497.3 | 496.3 | 495.4 |
| 177.5° | 493.3 | 494.8 | 495.5 | 495.5 | 495.5 | 495.5 | 494.8 | 494.8 | 493.3 | 492.5 | 493.3 |
| 180° | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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° | 13.6 | 12.8 | 11.8 | 10.8 | 10.9 | 11.0 | 12.7 | 14.7 | 13.3 | 12.5 | 11.9 |
| 90° | 25.6 | 18.9 | 14.2 | 11.3 | 9.5 | 7.6 | 3.8 | 1.0 | 3.8 | 7.6 | 9.5 |
| 92.5° | 94.5 | 64.4 | 43.0 | 34.1 | 27.6 | 23.5 | 16.6 | 11.6 | 16.6 | 23.5 | 27.6 |
| 95° | 218.7 | 136.4 | 92.8 | 70.1 | 55.0 | 46.4 | 36.9 | 33.2 | 36.9 | 46.4 | 55.0 |
| 97.5° | 294.7 | 179.9 | 125.2 | 99.5 | 82.0 | 69.1 | 59.1 | 54.0 | 59.1 | 69.1 | 82.0 |
| 100° | 310.6 | 195.1 | 144.9 | 118.4 | 99.5 | 84.3 | 75.7 | 72.9 | 75.7 | 84.3 | 99.5 |
| 102.5° | 311.4 | 208.7 | 162.3 | 135.8 | 116.1 | 100.9 | 92.5 | 90.3 | 92.5 | 100.9 | 116.1 |
| 105° | 316.3 | 232.0 | 187.5 | 161.0 | 140.1 | 126.0 | 119.4 | 115.5 | 119.4 | 126.0 | 140.1 |
| 107.5° | 329.4 | 255.9 | 212.7 | 186.1 | 165.3 | 152.3 | 145.9 | 142.8 | 145.9 | 152.3 | 165.3 |
| 110° | 340.0 | 271.8 | 230.2 | 202.7 | 182.8 | 170.5 | 164.8 | 161.0 | 164.8 | 170.5 | 182.8 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 351.4 | 287.0 | 246.8 | 218.6 | 199.4 | 187.9 | 181.5 | 177.7 | 181.5 | 187.9 | 199.4 |
| 115° | 368.4 | 310.6 | 269.9 | 244.3 | 225.4 | 214.0 | 208.4 | 203.7 | 208.4 | 214.0 | 225.4 |
| 117.5° | 386.6 | 332.4 | 294.7 | 268.2 | 250.1 | 240.0 | 234.3 | 230.6 | 234.3 | 240.0 | 250.1 |
| 120° | 398.8 | 347.6 | 310.6 | 284.1 | 265.2 | 256.7 | 250.9 | 247.2 | 250.9 | 256.7 | 265.2 |
| 122.5° | 409.4 | 362.0 | 327.3 | 300.0 | 281.1 | 271.8 | 266.1 | 263.1 | 266.1 | 271.8 | 281.1 |
| 125° | 426.2 | 383.6 | 349.5 | 322.9 | 304.0 | 292.7 | 287.0 | 284.1 | 287.0 | 292.7 | 304.0 |
| 127.5° | 441.9 | 403.7 | 370.5 | 343.2 | 325.1 | 312.6 | 304.6 | 300.8 | 304.6 | 312.6 | 325.1 |
| 130° | 451.8 | 415.8 | 382.6 | 356.1 | 337.2 | 323.9 | 314.5 | 310.6 | 314.5 | 323.9 | 337.2 |
| 132.5° | 461.6 | 426.4 | 394.8 | 368.3 | 348.5 | 334.5 | 324.3 | 319.8 | 324.3 | 334.5 | 348.5 |
| 135° | 474.5 | 441.3 | 411.1 | 384.5 | 362.7 | 348.5 | 337.2 | 333.4 | 337.2 | 348.5 | 362.7 |
| 137.5° | 484.4 | 453.5 | 423.5 | 398.9 | 377.3 | 362.2 | 350.8 | 346.3 | 350.8 | 362.2 | 377.3 |
| 140° | 489.7 | 460.3 | 431.9 | 407.2 | 386.5 | 371.3 | 359.9 | 356.1 | 359.9 | 371.3 | 386.5 |
| 142.5° | 494.2 | 465.6 | 438.0 | 414.8 | 394.8 | 379.6 | 369.0 | 366.0 | 369.0 | 379.6 | 394.8 |
| 145° | 500.1 | 473.5 | 448.0 | 427.1 | 408.2 | 394.0 | 384.5 | 380.7 | 384.5 | 394.0 | 408.2 |
| 147.5° | 503.3 | 480.0 | 455.9 | 437.4 | 421.7 | 408.5 | 399.5 | 396.6 | 399.5 | 408.5 | 421.7 |
| 150° | 504.8 | 483.1 | 461.2 | 444.2 | 430.0 | 417.7 | 410.1 | 407.2 | 410.1 | 417.7 | 430.0 |
| 152.5° | 505.6 | 486.1 | 466.5 | 451.0 | 437.6 | 426.7 | 419.2 | 417.8 | 419.2 | 426.7 | 437.6 |
| 155° | 506.7 | 490.6 | 474.5 | 460.3 | 449.9 | 439.4 | 433.7 | 432.8 | 433.7 | 439.4 | 449.9 |
| 157.5° | 506.7 | 493.8 | 480.2 | 468.2 | 459.9 | 450.9 | 446.3 | 445.3 | 446.3 | 450.9 | 459.9 |
| 160° | 506.7 | 495.4 | 484.0 | 473.5 | 465.9 | 458.4 | 454.6 | 453.6 | 454.6 | 458.4 | 465.9 |
| 162.5° | 506.0 | 496.1 | 486.2 | 478.1 | 471.2 | 465.2 | 461.5 | 462.0 | 461.5 | 465.2 | 471.2 |
| 165° | 503.9 | 497.3 | 488.7 | 483.1 | 478.3 | 472.6 | 470.8 | 471.7 | 470.8 | 472.6 | 478.3 |
| 167.5° | 502.6 | 497.0 | 490.8 | 487.2 | 483.8 | 480.2 | 478.5 | 479.6 | 478.5 | 480.2 | 483.8 |
| 170° | 501.0 | 496.3 | 491.5 | 488.7 | 486.8 | 484.0 | 483.1 | 484.9 | 483.1 | 484.0 | 486.8 |
| 172.5° | 498.7 | 495.5 | 492.3 | 490.2 | 489.1 | 486.2 | 486.8 | 488.0 | 486.8 | 486.2 | 489.1 |
| 175° | 496.3 | 494.4 | 492.5 | 491.5 | 491.5 | 489.7 | 490.6 | 491.5 | 490.6 | 489.7 | 491.5 |
| 177.5° | 494.8 | 493.3 | 492.5 | 492.5 | 492.5 | 491.0 | 491.7 | 493.3 | 491.7 | 491.0 | 492.5 |
| 180° | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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° | 11.7 | 11.8 | 11.8 | 13.1 | 14.3 | 13.9 | 13.8 | 13.0 | 12.7 | 13.0 | 12.7 |
| 90° | 11.3 | 14.2 | 18.9 | 25.6 | 31.2 | 32.2 | 31.2 | 30.3 | 28.5 | 30.3 | 31.2 |
| 92.5° | 34.1 | 43.0 | 64.4 | 94.5 | 121.4 | 123.1 | 104.0 | 82.6 | 70.8 | 62.9 | 57.0 |
| 95° | 70.1 | 92.8 | 136.4 | 218.7 | 328.6 | 371.3 | 324.9 | 248.2 | 190.4 | 150.6 | 129.7 |
| 97.5° | 99.5 | 125.2 | 179.9 | 294.7 | 477.4 | 633.8 | 664.9 | 579.0 | 473.8 | 371.3 | 302.9 |
| 100° | 118.4 | 144.9 | 195.1 | 310.6 | 515.2 | 748.2 | 884.6 | 864.7 | 747.3 | 617.5 | 502.9 |
| 102.5° | 135.8 | 162.3 | 208.7 | 311.4 | 500.8 | 752.0 | 966.5 | 1051.9 | 1025.3 | 930.4 | 809.0 |
| 105° | 161.0 | 187.5 | 232.0 | 316.3 | 472.6 | 701.8 | 953.7 | 1150.7 | 1257.8 | 1270.1 | 1238.8 |
| 107.5° | 186.1 | 212.7 | 255.9 | 329.4 | 458.6 | 648.0 | 870.6 | 1079.5 | 1240.7 | 1339.2 | 1385.0 |
| 110° | 202.7 | 230.2 | 271.8 | 340.0 | 455.6 | 622.2 | 818.3 | 1018.1 | 1187.6 | 1308.9 | 1386.6 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 218.6 | 246.8 | 287.0 | 351.4 | 456.3 | 605.6 | 782.0 | 962.1 | 1124.8 | 1254.3 | 1343.4 |
| 115° | 244.3 | 269.9 | 310.6 | 368.4 | 460.3 | 587.2 | 736.9 | 893.2 | 1039.0 | 1163.0 | 1260.6 |
| 117.5° | 268.2 | 294.7 | 332.4 | 386.6 | 467.1 | 578.3 | 708.4 | 841.2 | 969.3 | 1081.8 | 1173.3 |
| 120° | 284.1 | 310.6 | 347.6 | 398.8 | 471.7 | 573.0 | 693.2 | 815.5 | 932.9 | 1033.3 | 1119.5 |
| 122.5° | 300.0 | 327.3 | 362.0 | 409.4 | 477.0 | 570.0 | 680.4 | 795.0 | 902.6 | 997.7 | 1075.5 |
| 125° | 322.9 | 349.5 | 383.6 | 426.2 | 484.9 | 564.5 | 662.0 | 765.2 | 862.8 | 946.2 | 1017.2 |
| 127.5° | 343.2 | 370.5 | 403.7 | 441.9 | 493.1 | 561.3 | 645.0 | 735.9 | 824.2 | 902.8 | 968.3 |
| 130° | 356.1 | 382.6 | 415.8 | 451.8 | 499.1 | 559.7 | 633.7 | 717.0 | 798.4 | 873.3 | 935.7 |
| 132.5° | 368.3 | 394.8 | 426.4 | 461.6 | 505.2 | 559.0 | 624.5 | 698.8 | 774.2 | 842.9 | 901.6 |
| 135° | 384.5 | 411.1 | 441.3 | 474.5 | 512.4 | 557.8 | 611.8 | 673.4 | 735.9 | 798.4 | 851.4 |
| 137.5° | 398.9 | 423.5 | 453.5 | 484.4 | 518.9 | 557.7 | 602.9 | 653.1 | 705.4 | 755.0 | 801.3 |
| 140° | 407.2 | 431.9 | 460.3 | 489.7 | 521.9 | 556.9 | 597.6 | 640.3 | 685.7 | 729.3 | 770.9 |
| 142.5° | 414.8 | 438.0 | 465.6 | 494.2 | 524.2 | 556.9 | 592.3 | 629.7 | 668.3 | 705.8 | 740.6 |
| 145° | 427.1 | 448.0 | 473.5 | 500.1 | 526.6 | 555.0 | 585.3 | 614.7 | 646.0 | 675.3 | 702.8 |
| 147.5° | 437.4 | 455.9 | 480.0 | 503.3 | 527.3 | 551.6 | 578.1 | 603.2 | 627.8 | 650.7 | 670.7 |
| 150° | 444.2 | 461.2 | 483.1 | 504.8 | 526.6 | 549.3 | 572.0 | 594.8 | 615.6 | 635.5 | 652.6 |
| 152.5° | 451.0 | 466.5 | 486.1 | 505.6 | 525.1 | 545.5 | 566.7 | 586.4 | 605.8 | 622.6 | 637.4 |
| 155° | 460.3 | 474.5 | 490.6 | 506.7 | 522.8 | 538.9 | 556.9 | 574.9 | 590.0 | 604.2 | 614.7 |
| 157.5° | 468.2 | 480.2 | 493.8 | 506.7 | 518.4 | 532.1 | 547.6 | 561.4 | 574.1 | 586.0 | 594.2 |
| 160° | 473.5 | 484.0 | 495.4 | 506.7 | 516.2 | 527.6 | 540.8 | 553.1 | 563.5 | 574.0 | 580.6 |
| 162.5° | 478.1 | 486.2 | 496.1 | 506.0 | 513.9 | 523.7 | 534.8 | 544.8 | 553.7 | 562.6 | 567.7 |
| 165° | 483.1 | 488.7 | 497.3 | 503.9 | 509.6 | 516.2 | 524.7 | 532.3 | 538.9 | 545.5 | 549.3 |
| 167.5° | 487.2 | 490.8 | 497.0 | 502.6 | 505.2 | 509.6 | 514.9 | 520.3 | 525.5 | 530.0 | 533.5 |
| 170° | 488.7 | 491.5 | 496.3 | 501.0 | 502.9 | 505.7 | 509.6 | 514.3 | 517.1 | 520.9 | 522.8 |
| 172.5° | 490.2 | 492.3 | 495.5 | 498.7 | 499.9 | 501.2 | 504.3 | 507.4 | 509.6 | 512.6 | 513.7 |
| 175° | 491.5 | 492.5 | 494.4 | 496.3 | 495.4 | 496.3 | 497.3 | 500.1 | 501.0 | 502.0 | 502.9 |
| 177.5° | 492.5 | 492.5 | 493.3 | 494.8 | 493.3 | 492.5 | 493.3 | 494.8 | 494.8 | 495.5 | 495.5 |
| 180° | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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° | 12.7 | 12.2 | 12.7 | 12.2 | 12.7 | 12.2 | 12.7 | 12.7 | 13.0 | 12.7 | 13.0 |
| 90° | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 30.3 | 28.5 | 30.3 |
| 92.5° | 56.3 | 53.2 | 54.0 | 52.5 | 54.0 | 53.2 | 56.3 | 57.0 | 62.9 | 70.8 | 82.6 |
| 95° | 117.4 | 109.9 | 107.0 | 107.9 | 107.0 | 109.9 | 117.4 | 129.7 | 150.6 | 190.4 | 248.2 |
| 97.5° | 257.6 | 234.3 | 220.5 | 212.5 | 220.5 | 234.3 | 257.6 | 302.9 | 371.3 | 473.8 | 579.0 |
| 100° | 424.3 | 383.6 | 356.1 | 339.1 | 356.1 | 383.6 | 424.3 | 502.9 | 617.5 | 747.3 | 864.7 |
| 102.5° | 723.6 | 654.1 | 619.8 | 596.7 | 619.8 | 654.1 | 723.6 | 809.0 | 930.4 | 1025.3 | 1051.9 |
| 105° | 1180.1 | 1121.4 | 1080.7 | 1067.4 | 1080.7 | 1121.4 | 1180.1 | 1238.8 | 1270.1 | 1257.8 | 1150.7 |
| 107.5° | 1392.4 | 1389.2 | 1381.0 | 1363.4 | 1381.0 | 1389.2 | 1392.4 | 1385.0 | 1339.2 | 1240.7 | 1079.5 |
| 110° | 1427.3 | 1445.3 | 1453.8 | 1452.9 | 1453.8 | 1445.3 | 1427.3 | 1386.6 | 1308.9 | 1187.6 | 1018.1 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 1400.0 | 1430.1 | 1446.3 | 1451.3 | 1446.3 | 1430.1 | 1400.0 | 1343.4 | 1254.3 | 1124.8 | 962.1 |
| 115° | 1327.9 | 1371.4 | 1396.0 | 1404.6 | 1396.0 | 1371.4 | 1327.9 | 1260.6 | 1163.0 | 1039.0 | 893.2 |
| 117.5° | 1241.9 | 1287.8 | 1313.9 | 1321.0 | 1313.9 | 1287.8 | 1241.9 | 1173.3 | 1081.8 | 969.3 | 841.2 |
| 120° | 1185.8 | 1230.3 | 1257.8 | 1267.2 | 1257.8 | 1230.3 | 1185.8 | 1119.5 | 1033.3 | 932.9 | 815.5 |
| 122.5° | 1135.0 | 1178.8 | 1203.2 | 1211.1 | 1203.2 | 1178.8 | 1135.0 | 1075.5 | 997.7 | 902.6 | 795.0 |
| 125° | 1072.1 | 1108.2 | 1131.8 | 1139.4 | 1131.8 | 1108.2 | 1072.1 | 1017.2 | 946.2 | 862.8 | 765.2 |
| 127.5° | 1016.3 | 1049.9 | 1070.4 | 1076.5 | 1070.4 | 1049.9 | 1016.3 | 968.3 | 902.8 | 824.2 | 735.9 |
| 130° | 982.2 | 1014.4 | 1033.3 | 1040.9 | 1033.3 | 1014.4 | 982.2 | 935.7 | 873.3 | 798.4 | 717.0 |
| 132.5° | 947.3 | 979.5 | 996.9 | 1003.7 | 996.9 | 979.5 | 947.3 | 901.6 | 842.9 | 774.2 | 698.8 |
| 135° | 892.2 | 923.4 | 940.4 | 944.3 | 940.4 | 923.4 | 892.2 | 851.4 | 798.4 | 735.9 | 673.4 |
| 137.5° | 838.4 | 865.3 | 880.3 | 885.9 | 880.3 | 865.3 | 838.4 | 801.3 | 755.0 | 705.4 | 653.1 |
| 140° | 801.3 | 825.9 | 840.1 | 845.8 | 840.1 | 825.9 | 801.3 | 770.9 | 729.3 | 685.7 | 640.3 |
| 142.5° | 769.4 | 791.8 | 804.5 | 805.6 | 804.5 | 791.8 | 769.4 | 740.6 | 705.8 | 668.3 | 629.7 |
| 145° | 725.5 | 741.6 | 751.1 | 753.9 | 751.1 | 741.6 | 725.5 | 702.8 | 675.3 | 646.0 | 614.7 |
| 147.5° | 689.5 | 702.4 | 708.8 | 710.5 | 708.8 | 702.4 | 689.5 | 670.7 | 650.7 | 627.8 | 603.2 |
| 150° | 666.8 | 678.2 | 683.8 | 684.8 | 683.8 | 678.2 | 666.8 | 652.6 | 635.5 | 615.6 | 594.8 |
| 152.5° | 648.6 | 658.4 | 662.6 | 662.8 | 662.6 | 658.4 | 648.6 | 637.4 | 622.6 | 605.8 | 586.4 |
| 155° | 625.1 | 631.7 | 635.5 | 633.7 | 635.5 | 631.7 | 625.1 | 614.7 | 604.2 | 590.0 | 574.9 |
| 157.5° | 601.6 | 607.1 | 608.8 | 608.8 | 608.8 | 607.1 | 601.6 | 594.2 | 586.0 | 574.1 | 561.4 |
| 160° | 587.2 | 591.9 | 592.9 | 592.9 | 592.9 | 591.9 | 587.2 | 580.6 | 574.0 | 563.5 | 553.1 |
| 162.5° | 574.3 | 577.6 | 578.5 | 577.7 | 578.5 | 577.6 | 574.3 | 567.7 | 562.6 | 553.7 | 544.8 |
| 165° | 553.1 | 556.9 | 556.9 | 556.0 | 556.9 | 556.9 | 553.1 | 549.3 | 545.5 | 538.9 | 532.3 |
| 167.5° | 535.1 | 537.2 | 537.0 | 535.9 | 537.0 | 537.2 | 535.1 | 533.5 | 530.0 | 525.5 | 520.3 |
| 170° | 523.7 | 526.6 | 525.6 | 523.7 | 525.6 | 526.6 | 523.7 | 522.8 | 520.9 | 517.1 | 514.3 |
| 172.5° | 514.7 | 516.0 | 515.0 | 513.9 | 515.0 | 516.0 | 514.7 | 513.7 | 512.6 | 509.6 | 507.4 |
| 175° | 502.9 | 503.9 | 502.9 | 501.0 | 502.9 | 503.9 | 502.9 | 502.9 | 502.0 | 501.0 | 500.1 |
| 177.5° | 495.5 | 495.5 | 494.8 | 493.3 | 494.8 | 495.5 | 495.5 | 495.5 | 495.5 | 494.8 | 494.8 |
| 180° | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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° | 13.8 | 13.9 | 14.3 | 13.1 | 11.8 | 11.8 | 11.7 | 11.9 | 12.5 | 13.3 | 14.7 |
| 90° | 31.2 | 32.2 | 31.2 | 25.6 | 18.9 | 14.2 | 11.3 | 9.5 | 7.6 | 3.8 | 1.0 |
| 92.5° | 104.0 | 123.1 | 121.4 | 94.5 | 64.4 | 43.0 | 34.1 | 27.6 | 23.5 | 16.6 | 11.6 |
| 95° | 324.9 | 371.3 | 328.6 | 218.7 | 136.4 | 92.8 | 70.1 | 55.0 | 46.4 | 36.9 | 33.2 |
| 97.5° | 664.9 | 633.8 | 477.4 | 294.7 | 179.9 | 125.2 | 99.5 | 82.0 | 69.1 | 59.1 | 54.0 |
| 100° | 884.6 | 748.2 | 515.2 | 310.6 | 195.1 | 144.9 | 118.4 | 99.5 | 84.3 | 75.7 | 72.9 |
| 102.5° | 966.5 | 752.0 | 500.8 | 311.4 | 208.7 | 162.3 | 135.8 | 116.1 | 100.9 | 92.5 | 90.3 |
| 105° | 953.7 | 701.8 | 472.6 | 316.3 | 232.0 | 187.5 | 161.0 | 140.1 | 126.0 | 119.4 | 115.5 |
| 107.5° | 870.6 | 648.0 | 458.6 | 329.4 | 255.9 | 212.7 | 186.1 | 165.3 | 152.3 | 145.9 | 142.8 |
| 110° | 818.3 | 622.2 | 455.6 | 340.0 | 271.8 | 230.2 | 202.7 | 182.8 | 170.5 | 164.8 | 161.0 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 782.0 | 605.6 | 456.3 | 351.4 | 287.0 | 246.8 | 218.6 | 199.4 | 187.9 | 181.5 | 177.7 |
| 115° | 736.9 | 587.2 | 460.3 | 368.4 | 310.6 | 269.9 | 244.3 | 225.4 | 214.0 | 208.4 | 203.7 |
| 117.5° | 708.4 | 578.3 | 467.1 | 386.6 | 332.4 | 294.7 | 268.2 | 250.1 | 240.0 | 234.3 | 230.6 |
| 120° | 693.2 | 573.0 | 471.7 | 398.8 | 347.6 | 310.6 | 284.1 | 265.2 | 256.7 | 250.9 | 247.2 |
| 122.5° | 680.4 | 570.0 | 477.0 | 409.4 | 362.0 | 327.3 | 300.0 | 281.1 | 271.8 | 266.1 | 263.1 |
| 125° | 662.0 | 564.5 | 484.9 | 426.2 | 383.6 | 349.5 | 322.9 | 304.0 | 292.7 | 287.0 | 284.1 |
| 127.5° | 645.0 | 561.3 | 493.1 | 441.9 | 403.7 | 370.5 | 343.2 | 325.1 | 312.6 | 304.6 | 300.8 |
| 130° | 633.7 | 559.7 | 499.1 | 451.8 | 415.8 | 382.6 | 356.1 | 337.2 | 323.9 | 314.5 | 310.6 |
| 132.5° | 624.5 | 559.0 | 505.2 | 461.6 | 426.4 | 394.8 | 368.3 | 348.5 | 334.5 | 324.3 | 319.8 |
| 135° | 611.8 | 557.8 | 512.4 | 474.5 | 441.3 | 411.1 | 384.5 | 362.7 | 348.5 | 337.2 | 333.4 |
| 137.5° | 602.9 | 557.7 | 518.9 | 484.4 | 453.5 | 423.5 | 398.9 | 377.3 | 362.2 | 350.8 | 346.3 |
| 140° | 597.6 | 556.9 | 521.9 | 489.7 | 460.3 | 431.9 | 407.2 | 386.5 | 371.3 | 359.9 | 356.1 |
| 142.5° | 592.3 | 556.9 | 524.2 | 494.2 | 465.6 | 438.0 | 414.8 | 394.8 | 379.6 | 369.0 | 366.0 |
| 145° | 585.3 | 555.0 | 526.6 | 500.1 | 473.5 | 448.0 | 427.1 | 408.2 | 394.0 | 384.5 | 380.7 |
| 147.5° | 578.1 | 551.6 | 527.3 | 503.3 | 480.0 | 455.9 | 437.4 | 421.7 | 408.5 | 399.5 | 396.6 |
| 150° | 572.0 | 549.3 | 526.6 | 504.8 | 483.1 | 461.2 | 444.2 | 430.0 | 417.7 | 410.1 | 407.2 |
| 152.5° | 566.7 | 545.5 | 525.1 | 505.6 | 486.1 | 466.5 | 451.0 | 437.6 | 426.7 | 419.2 | 417.8 |
| 155° | 556.9 | 538.9 | 522.8 | 506.7 | 490.6 | 474.5 | 460.3 | 449.9 | 439.4 | 433.7 | 432.8 |
| 157.5° | 547.6 | 532.1 | 518.4 | 506.7 | 493.8 | 480.2 | 468.2 | 459.9 | 450.9 | 446.3 | 445.3 |
| 160° | 540.8 | 527.6 | 516.2 | 506.7 | 495.4 | 484.0 | 473.5 | 465.9 | 458.4 | 454.6 | 453.6 |
| 162.5° | 534.8 | 523.7 | 513.9 | 506.0 | 496.1 | 486.2 | 478.1 | 471.2 | 465.2 | 461.5 | 462.0 |
| 165° | 524.7 | 516.2 | 509.6 | 503.9 | 497.3 | 488.7 | 483.1 | 478.3 | 472.6 | 470.8 | 471.7 |
| 167.5° | 514.9 | 509.6 | 505.2 | 502.6 | 497.0 | 490.8 | 487.2 | 483.8 | 480.2 | 478.5 | 479.6 |
| 170° | 509.6 | 505.7 | 502.9 | 501.0 | 496.3 | 491.5 | 488.7 | 486.8 | 484.0 | 483.1 | 484.9 |
| 172.5° | 504.3 | 501.2 | 499.9 | 498.7 | 495.5 | 492.3 | 490.2 | 489.1 | 486.2 | 486.8 | 488.0 |
| 175° | 497.3 | 496.3 | 495.4 | 496.3 | 494.4 | 492.5 | 491.5 | 491.5 | 489.7 | 490.6 | 491.5 |
| 177.5° | 493.3 | 492.5 | 493.3 | 494.8 | 493.3 | 492.5 | 492.5 | 492.5 | 491.0 | 491.7 | 493.3 |
| 180° | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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° | 12.7 | 11.0 | 10.9 | 10.8 | 11.8 | 12.8 | 13.6 | 14.8 | 15.4 | 14.8 | 15.1 |
| 90° | 3.8 | 7.6 | 9.5 | 11.3 | 14.2 | 18.9 | 25.6 | 31.2 | 32.2 | 31.2 | 30.3 |
| 92.5° | 16.6 | 23.5 | 27.6 | 34.1 | 43.0 | 64.4 | 94.5 | 121.4 | 123.1 | 104.0 | 82.6 |
| 95° | 36.9 | 46.4 | 55.0 | 70.1 | 92.8 | 136.4 | 218.7 | 328.6 | 371.3 | 324.9 | 248.2 |
| 97.5° | 59.1 | 69.1 | 82.0 | 99.5 | 125.2 | 179.9 | 294.7 | 477.4 | 633.8 | 664.9 | 579.0 |
| 100° | 75.7 | 84.3 | 99.5 | 118.4 | 144.9 | 195.1 | 310.6 | 515.2 | 748.2 | 884.6 | 864.7 |
| 102.5° | 92.5 | 100.9 | 116.1 | 135.8 | 162.3 | 208.7 | 311.4 | 500.8 | 752.0 | 966.5 | 1051.9 |
| 105° | 119.4 | 126.0 | 140.1 | 161.0 | 187.5 | 232.0 | 316.3 | 472.6 | 701.8 | 953.7 | 1150.7 |
| 107.5° | 145.9 | 152.3 | 165.3 | 186.1 | 212.7 | 255.9 | 329.4 | 458.6 | 648.0 | 870.6 | 1079.5 |
| 110° | 164.8 | 170.5 | 182.8 | 202.7 | 230.2 | 271.8 | 340.0 | 455.6 | 622.2 | 818.3 | 1018.1 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.5 | 187.9 | 199.4 | 218.6 | 246.8 | 287.0 | 351.4 | 456.3 | 605.6 | 782.0 | 962.1 |
| 115° | 208.4 | 214.0 | 225.4 | 244.3 | 269.9 | 310.6 | 368.4 | 460.3 | 587.2 | 736.9 | 893.2 |
| 117.5° | 234.3 | 240.0 | 250.1 | 268.2 | 294.7 | 332.4 | 386.6 | 467.1 | 578.3 | 708.4 | 841.2 |
| 120° | 250.9 | 256.7 | 265.2 | 284.1 | 310.6 | 347.6 | 398.8 | 471.7 | 573.0 | 693.2 | 815.5 |
| 122.5° | 266.1 | 271.8 | 281.1 | 300.0 | 327.3 | 362.0 | 409.4 | 477.0 | 570.0 | 680.4 | 795.0 |
| 125° | 287.0 | 292.7 | 304.0 | 322.9 | 349.5 | 383.6 | 426.2 | 484.9 | 564.5 | 662.0 | 765.2 |
| 127.5° | 304.6 | 312.6 | 325.1 | 343.2 | 370.5 | 403.7 | 441.9 | 493.1 | 561.3 | 645.0 | 735.9 |
| 130° | 314.5 | 323.9 | 337.2 | 356.1 | 382.6 | 415.8 | 451.8 | 499.1 | 559.7 | 633.7 | 717.0 |
| 132.5° | 324.3 | 334.5 | 348.5 | 368.3 | 394.8 | 426.4 | 461.6 | 505.2 | 559.0 | 624.5 | 698.8 |
| 135° | 337.2 | 348.5 | 362.7 | 384.5 | 411.1 | 441.3 | 474.5 | 512.4 | 557.8 | 611.8 | 673.4 |
| 137.5° | 350.8 | 362.2 | 377.3 | 398.9 | 423.5 | 453.5 | 484.4 | 518.9 | 557.7 | 602.9 | 653.1 |
| 140° | 359.9 | 371.3 | 386.5 | 407.2 | 431.9 | 460.3 | 489.7 | 521.9 | 556.9 | 597.6 | 640.3 |
| 142.5° | 369.0 | 379.6 | 394.8 | 414.8 | 438.0 | 465.6 | 494.2 | 524.2 | 556.9 | 592.3 | 629.7 |
| 145° | 384.5 | 394.0 | 408.2 | 427.1 | 448.0 | 473.5 | 500.1 | 526.6 | 555.0 | 585.3 | 614.7 |
| 147.5° | 399.5 | 408.5 | 421.7 | 437.4 | 455.9 | 480.0 | 503.3 | 527.3 | 551.6 | 578.1 | 603.2 |
| 150° | 410.1 | 417.7 | 430.0 | 444.2 | 461.2 | 483.1 | 504.8 | 526.6 | 549.3 | 572.0 | 594.8 |
| 152.5° | 419.2 | 426.7 | 437.6 | 451.0 | 466.5 | 486.1 | 505.6 | 525.1 | 545.5 | 566.7 | 586.4 |
| 155° | 433.7 | 439.4 | 449.9 | 460.3 | 474.5 | 490.6 | 506.7 | 522.8 | 538.9 | 556.9 | 574.9 |
| 157.5° | 446.3 | 450.9 | 459.9 | 468.2 | 480.2 | 493.8 | 506.7 | 518.4 | 532.1 | 547.6 | 561.4 |
| 160° | 454.6 | 458.4 | 465.9 | 473.5 | 484.0 | 495.4 | 506.7 | 516.2 | 527.6 | 540.8 | 553.1 |
| 162.5° | 461.5 | 465.2 | 471.2 | 478.1 | 486.2 | 496.1 | 506.0 | 513.9 | 523.7 | 534.8 | 544.8 |
| 165° | 470.8 | 472.6 | 478.3 | 483.1 | 488.7 | 497.3 | 503.9 | 509.6 | 516.2 | 524.7 | 532.3 |
| 167.5° | 478.5 | 480.2 | 483.8 | 487.2 | 490.8 | 497.0 | 502.6 | 505.2 | 509.6 | 514.9 | 520.3 |
| 170° | 483.1 | 484.0 | 486.8 | 488.7 | 491.5 | 496.3 | 501.0 | 502.9 | 505.7 | 509.6 | 514.3 |
| 172.5° | 486.8 | 486.2 | 489.1 | 490.2 | 492.3 | 495.5 | 498.7 | 499.9 | 501.2 | 504.3 | 507.4 |
| 175° | 490.6 | 489.7 | 491.5 | 491.5 | 492.5 | 494.4 | 496.3 | 495.4 | 496.3 | 497.3 | 500.1 |
| 177.5° | 491.7 | 491.0 | 492.5 | 492.5 | 492.5 | 493.3 | 494.8 | 493.3 | 492.5 | 493.3 | 494.8 |
| 180° | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

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° | 14.2 | 14.6 | 14.8 | 14.8 | 14.8 | 14.8 | 14.3 |
| 90° | 28.5 | 30.3 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 |
| 92.5° | 70.8 | 62.9 | 57.0 | 56.3 | 53.2 | 54.0 | 52.5 |
| 95° | 190.4 | 150.6 | 129.7 | 117.4 | 109.9 | 107.0 | 107.9 |
| 97.5° | 473.8 | 371.3 | 302.9 | 257.6 | 234.3 | 220.5 | 212.5 |
| 100° | 747.3 | 617.5 | 502.9 | 424.3 | 383.6 | 356.1 | 339.1 |
| 102.5° | 1025.3 | 930.4 | 809.0 | 723.6 | 654.1 | 619.8 | 596.7 |
| 105° | 1257.8 | 1270.1 | 1238.8 | 1180.1 | 1121.4 | 1080.7 | 1067.4 |
| 107.5° | 1240.7 | 1339.2 | 1385.0 | 1392.4 | 1389.2 | 1381.0 | 1363.4 |
| 110° | 1187.6 | 1308.9 | 1386.6 | 1427.3 | 1445.3 | 1453.8 | 1452.9 |



TEST NUMBER: P331761-930

CATALOG NUMBER: S122RDIP-S1005D1080U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1124.8 | 1254.3 | 1343.4 | 1400.0 | 1430.1 | 1446.3 | 1451.3 |
| 115° | 1039.0 | 1163.0 | 1260.6 | 1327.9 | 1371.4 | 1396.0 | 1404.6 |
| 117.5° | 969.3 | 1081.8 | 1173.3 | 1241.9 | 1287.8 | 1313.9 | 1321.0 |
| 120° | 932.9 | 1033.3 | 1119.5 | 1185.8 | 1230.3 | 1257.8 | 1267.2 |
| 122.5° | 902.6 | 997.7 | 1075.5 | 1135.0 | 1178.8 | 1203.2 | 1211.1 |
| 125° | 862.8 | 946.2 | 1017.2 | 1072.1 | 1108.2 | 1131.8 | 1139.4 |
| 127.5° | 824.2 | 902.8 | 968.3 | 1016.3 | 1049.9 | 1070.4 | 1076.5 |
| 130° | 798.4 | 873.3 | 935.7 | 982.2 | 1014.4 | 1033.3 | 1040.9 |
| 132.5° | 774.2 | 842.9 | 901.6 | 947.3 | 979.5 | 996.9 | 1003.7 |
| 135° | 735.9 | 798.4 | 851.4 | 892.2 | 923.4 | 940.4 | 944.3 |
| 137.5° | 705.4 | 755.0 | 801.3 | 838.4 | 865.3 | 880.3 | 885.9 |
| 140° | 685.7 | 729.3 | 770.9 | 801.3 | 825.9 | 840.1 | 845.8 |
| 142.5° | 668.3 | 705.8 | 740.6 | 769.4 | 791.8 | 804.5 | 805.6 |
| 145° | 646.0 | 675.3 | 702.8 | 725.5 | 741.6 | 751.1 | 753.9 |
| 147.5° | 627.8 | 650.7 | 670.7 | 689.5 | 702.4 | 708.8 | 710.5 |
| 150° | 615.6 | 635.5 | 652.6 | 666.8 | 678.2 | 683.8 | 684.8 |
| 152.5° | 605.8 | 622.6 | 637.4 | 648.6 | 658.4 | 662.6 | 662.8 |
| 155° | 590.0 | 604.2 | 614.7 | 625.1 | 631.7 | 635.5 | 633.7 |
| 157.5° | 574.1 | 586.0 | 594.2 | 601.6 | 607.1 | 608.8 | 608.8 |
| 160° | 563.5 | 574.0 | 580.6 | 587.2 | 591.9 | 592.9 | 592.9 |
| 162.5° | 553.7 | 562.6 | 567.7 | 574.3 | 577.6 | 578.5 | 577.7 |
| 165° | 538.9 | 545.5 | 549.3 | 553.1 | 556.9 | 556.9 | 556.0 |
| 167.5° | 525.5 | 530.0 | 533.5 | 535.1 | 537.2 | 537.0 | 535.9 |
| 170° | 517.1 | 520.9 | 522.8 | 523.7 | 526.6 | 525.6 | 523.7 |
| 172.5° | 509.6 | 512.6 | 513.7 | 514.7 | 516.0 | 515.0 | 513.9 |
| 175° | 501.0 | 502.0 | 502.9 | 502.9 | 503.9 | 502.9 | 501.0 |
| 177.5° | 494.8 | 495.5 | 495.5 | 495.5 | 495.5 | 494.8 | 493.3 |
| 180° | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |

(END OF REPORT)