

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: P332414

Luminaire Tested: **S123RDIW-S560D755U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332414
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIW-S560D755U835-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 755 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5251.0 lumens
Efficiency: N/A
Efficacy: 139.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

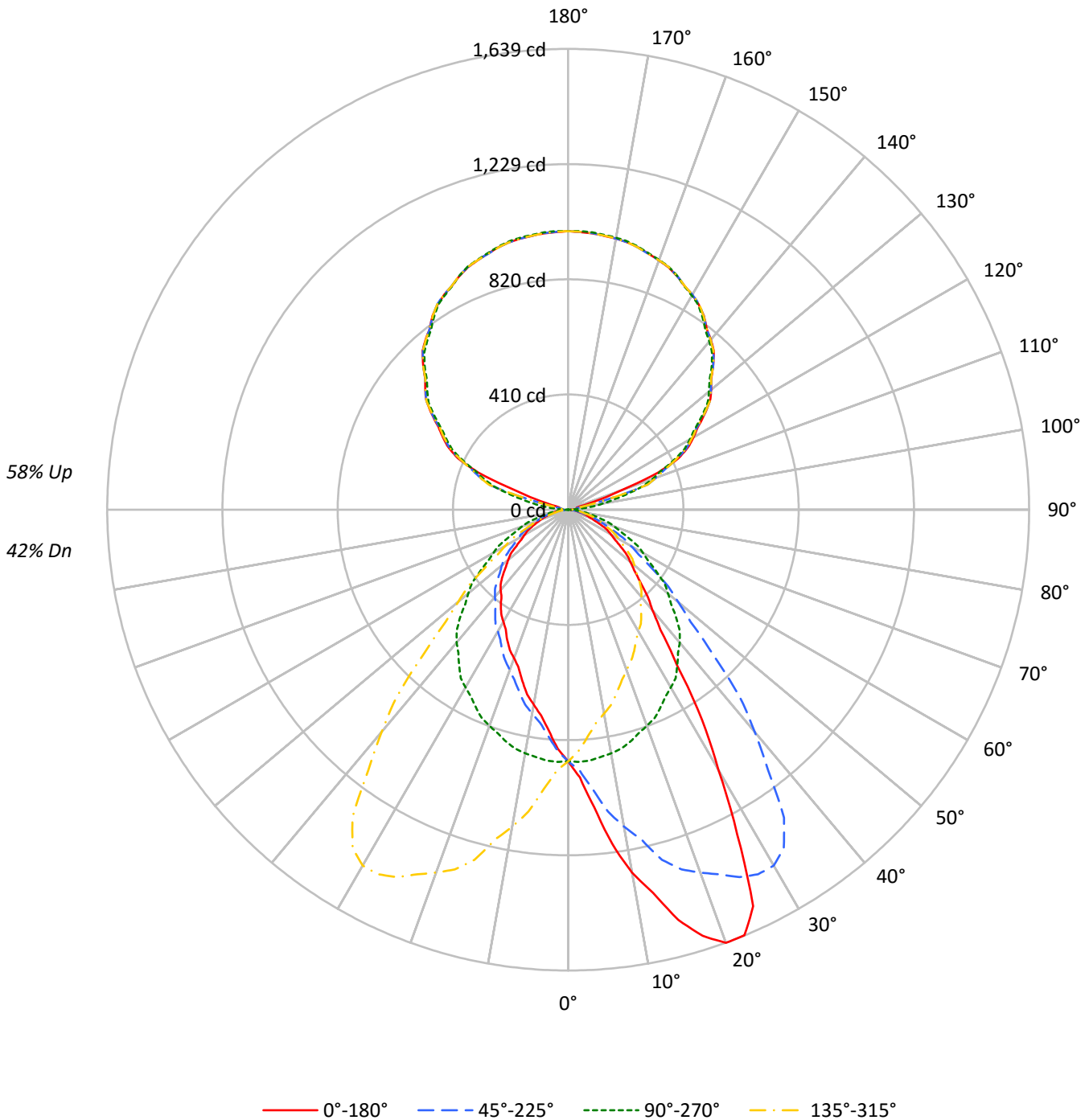
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-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 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 64 | 64 | 64 | 49 | 49 | 49 | 42 |
| 1 | 97 | 93 | 89 | 86 | 88 | 85 | 82 | 79 | 70 | 68 | 66 | 57 | 55 | 54 | 44 | 43 | 42 | 37 |
| 2 | 88 | 81 | 76 | 71 | 81 | 75 | 70 | 65 | 62 | 58 | 55 | 50 | 48 | 46 | 40 | 38 | 37 | 32 |
| 3 | 81 | 72 | 65 | 59 | 74 | 66 | 60 | 55 | 55 | 51 | 47 | 45 | 42 | 39 | 35 | 33 | 32 | 27 |
| 4 | 74 | 64 | 56 | 51 | 68 | 59 | 52 | 47 | 49 | 44 | 40 | 40 | 37 | 34 | 32 | 30 | 28 | 24 |
| 5 | 68 | 57 | 49 | 44 | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 36 | 33 | 30 | 29 | 26 | 24 | 21 |
| 6 | 63 | 51 | 44 | 38 | 57 | 47 | 41 | 36 | 40 | 35 | 31 | 33 | 29 | 26 | 26 | 24 | 22 | 19 |
| 7 | 58 | 46 | 39 | 33 | 53 | 43 | 36 | 31 | 36 | 31 | 27 | 30 | 26 | 23 | 24 | 22 | 19 | 17 |
| 8 | 54 | 42 | 35 | 30 | 49 | 39 | 32 | 28 | 33 | 28 | 24 | 28 | 24 | 21 | 22 | 20 | 17 | 15 |
| 9 | 50 | 39 | 31 | 26 | 46 | 36 | 29 | 25 | 30 | 25 | 22 | 25 | 22 | 19 | 21 | 18 | 16 | 14 |
| 10 | 47 | 35 | 28 | 24 | 43 | 33 | 27 | 22 | 28 | 23 | 20 | 24 | 20 | 17 | 19 | 16 | 14 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 9630 | 9630 | 9630 | 9630 |
| 5° | 11480 | 9672 | 8518 | 9672 |
| 10° | 14335 | 9616 | 7695 | 9616 |
| 15° | 16826 | 9518 | 7017 | 9518 |
| 20° | 18778 | 9371 | 6441 | 9371 |
| 25° | 18478 | 9216 | 6087 | 9216 |
| 30° | 13282 | 9073 | 5722 | 9073 |
| 35° | 8868 | 8888 | 5486 | 8888 |
| 40° | 6534 | 8665 | 5243 | 8665 |
| 45° | 5480 | 8273 | 5002 | 8273 |
| 50° | 4836 | 7762 | 4669 | 7762 |
| 55° | 4241 | 7174 | 4211 | 7174 |
| 60° | 3776 | 6613 | 3860 | 6613 |
| 65° | 3316 | 6008 | 3591 | 6008 |
| 70° | 2603 | 5473 | 3279 | 5473 |
| 75° | 2296 | 4779 | 2994 | 4779 |
| 80° | 1996 | 4060 | 2944 | 4060 |
| 85° | 1606 | 3260 | 3125 | 3260 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 88.0 | 1.7 |
| 10°-20° | 274.9 | 5.2 |
| 20°-30° | 431.9 | 8.2 |
| 30°-40° | 450.6 | 8.6 |
| 40°-50° | 385.6 | 7.3 |
| 50°-60° | 293.9 | 5.6 |
| 60°-70° | 188.4 | 3.6 |
| 70°-80° | 90.6 | 1.7 |
| 80°-90° | 26.8 | 0.5 |
| 90°-100° | 36.0 | 0.7 |
| 100°-110° | 171.6 | 3.3 |
| 110°-120° | 412.3 | 7.9 |
| 120°-130° | 525.0 | 10.0 |
| 130°-140° | 560.9 | 10.7 |
| 140°-150° | 524.5 | 10.0 |
| 150°-160° | 423.1 | 8.1 |
| 160°-170° | 273.1 | 5.2 |
| 170°-180° | 94.1 | 1.8 |
| 0°-30° | 794.7 | 15.1 |
| 0°-40° | 1245.3 | 23.7 |
| 0°-60° | 1924.8 | 36.7 |
| 0°-90° | 2230.5 | 42.5 |
| 90°-120° | 619.9 | 11.8 |
| 90°-150° | 2230.2 | 42.5 |
| 90°-180° | 3020.0 | 57.5 |
| 0°-180° | 5251.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 895 | 895 | 895 | 895 | 895 | |
| 5° | 1062 | 895 | 788 | 895 | 1062 | 110 |
| 15° | 1510 | 854 | 630 | 854 | 1510 | 428 |
| 25° | 1556 | 776 | 512 | 776 | 1556 | 669 |
| 35° | 675 | 676 | 418 | 676 | 675 | 442 |
| 45° | 360 | 544 | 329 | 544 | 360 | 283 |
| 55° | 226 | 382 | 224 | 382 | 226 | 204 |
| 65° | 130 | 236 | 141 | 236 | 130 | 128 |
| 75° | 55 | 115 | 72 | 115 | 55 | 59 |
| 85° | 13 | 26 | 25 | 26 | 13 | 16 |
| 90° | 22 | 1 | 22 | 1 | 22 | 10 |
| 95° | 28 | 45 | 28 | 45 | 28 | 23 |
| 105° | 32 | 219 | 32 | 219 | 32 | 74 |
| 115° | 433 | 411 | 433 | 411 | 433 | 400 |
| 125° | 592 | 580 | 592 | 580 | 592 | 528 |
| 135° | 729 | 722 | 729 | 722 | 729 | 562 |
| 145° | 841 | 833 | 841 | 833 | 841 | 525 |
| 155° | 916 | 918 | 916 | 918 | 916 | 422 |
| 165° | 965 | 968 | 965 | 968 | 965 | 273 |
| 175° | 987 | 990 | 987 | 990 | 987 | 94 |
| 180° | 990 | 990 | 990 | 990 | 990 | |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 |
| 2.5° | 952.9 | 954.2 | 950.2 | 949.6 | 945.0 | 943.8 | 943.8 | 937.3 | 933.3 | 928.1 | 925.1 |
| 5° | 1062.5 | 1068.6 | 1065.6 | 1058.7 | 1047.2 | 1044.5 | 1037.2 | 1025.7 | 1012.7 | 996.6 | 989.0 |
| 7.5° | 1199.3 | 1207.7 | 1204.4 | 1193.8 | 1181.8 | 1172.0 | 1151.5 | 1132.4 | 1105.7 | 1082.3 | 1062.2 |
| 10° | 1311.5 | 1302.6 | 1295.8 | 1285.4 | 1274.3 | 1256.3 | 1234.9 | 1205.4 | 1171.3 | 1144.5 | 1114.6 |
| 12.5° | 1395.4 | 1394.0 | 1385.2 | 1374.6 | 1358.9 | 1341.8 | 1315.4 | 1279.5 | 1239.9 | 1201.1 | 1167.0 |
| 15° | 1509.9 | 1512.2 | 1506.4 | 1495.3 | 1473.1 | 1442.8 | 1403.0 | 1388.1 | 1331.4 | 1289.2 | 1247.1 |
| 17.5° | 1589.1 | 1588.6 | 1587.8 | 1572.4 | 1549.8 | 1528.2 | 1491.3 | 1452.0 | 1400.7 | 1341.3 | 1284.6 |
| 20° | 1639.3 | 1635.5 | 1636.3 | 1619.0 | 1602.2 | 1577.3 | 1541.3 | 1484.2 | 1442.1 | 1373.5 | 1314.9 |
| 22.5° | 1638.1 | 1637.3 | 1640.2 | 1634.3 | 1622.1 | 1603.0 | 1574.7 | 1526.5 | 1472.7 | 1403.5 | 1337.6 |
| 25° | 1555.8 | 1552.8 | 1570.8 | 1575.7 | 1595.3 | 1598.7 | 1590.3 | 1563.9 | 1512.9 | 1441.7 | 1360.1 |
| 27.5° | 1302.1 | 1300.4 | 1333.8 | 1375.6 | 1428.7 | 1469.9 | 1509.7 | 1528.9 | 1512.9 | 1461.9 | 1380.2 |
| 30° | 1068.6 | 1104.6 | 1121.5 | 1182.0 | 1249.4 | 1329.8 | 1400.3 | 1467.3 | 1483.8 | 1461.6 | 1394.6 |
| 32.5° | 887.2 | 918.6 | 932.7 | 984.7 | 1047.5 | 1141.7 | 1247.4 | 1342.3 | 1409.4 | 1426.4 | 1386.0 |
| 35° | 674.9 | 675.3 | 707.4 | 730.4 | 788.6 | 885.5 | 988.2 | 1115.3 | 1241.7 | 1337.5 | 1347.5 |
| 37.5° | 538.5 | 540.4 | 559.9 | 582.8 | 626.5 | 677.7 | 768.1 | 873.8 | 1019.8 | 1166.8 | 1253.0 |
| 40° | 465.0 | 468.4 | 483.0 | 505.6 | 537.0 | 575.7 | 646.2 | 745.7 | 867.5 | 1031.1 | 1164.8 |
| 42.5° | 417.8 | 423.4 | 430.9 | 448.3 | 467.7 | 504.0 | 561.0 | 637.9 | 748.6 | 903.3 | 1057.5 |
| 45° | 360.0 | 363.1 | 368.8 | 376.9 | 394.5 | 419.8 | 458.1 | 509.8 | 601.7 | 726.2 | 880.6 |
| 47.5° | 317.6 | 316.0 | 322.0 | 328.6 | 340.3 | 357.5 | 383.2 | 425.4 | 491.0 | 590.8 | 721.8 |
| 50° | 288.8 | 288.4 | 292.6 | 297.6 | 308.7 | 321.4 | 342.4 | 374.2 | 426.3 | 509.0 | 628.9 |
| 52.5° | 261.8 | 263.3 | 266.3 | 272.5 | 280.5 | 290.7 | 309.6 | 332.5 | 377.3 | 448.7 | 548.6 |
| 55° | 226.0 | 227.1 | 231.3 | 234.8 | 240.5 | 250.9 | 262.8 | 281.9 | 312.5 | 362.3 | 444.7 |
| 57.5° | 195.6 | 195.1 | 199.2 | 200.0 | 206.5 | 214.9 | 224.1 | 239.0 | 261.2 | 298.2 | 353.7 |
| 60° | 175.4 | 174.3 | 177.7 | 180.4 | 183.8 | 190.7 | 198.4 | 213.0 | 230.6 | 257.8 | 305.3 |
| 62.5° | 157.0 | 156.5 | 159.0 | 161.7 | 164.5 | 170.8 | 177.3 | 188.4 | 202.4 | 225.3 | 263.0 |
| 65° | 130.2 | 131.4 | 132.5 | 133.7 | 135.2 | 139.0 | 145.2 | 152.8 | 162.4 | 178.5 | 205.7 |
| 67.5° | 102.3 | 103.5 | 103.9 | 106.2 | 109.5 | 111.9 | 115.7 | 122.5 | 129.2 | 142.7 | 158.2 |
| 70° | 82.7 | 82.3 | 82.7 | 83.9 | 88.1 | 92.3 | 97.3 | 102.3 | 106.5 | 116.1 | 129.1 |
| 72.5° | 71.1 | 70.4 | 71.4 | 71.6 | 73.7 | 74.8 | 78.0 | 82.7 | 88.1 | 94.6 | 104.0 |
| 75° | 55.2 | 55.2 | 55.2 | 55.2 | 56.7 | 57.5 | 58.6 | 59.8 | 61.7 | 64.7 | 71.6 |
| 77.5° | 40.8 | 40.8 | 41.4 | 41.7 | 42.1 | 42.5 | 43.2 | 44.4 | 45.0 | 46.7 | 49.6 |
| 80° | 32.2 | 32.6 | 32.2 | 32.6 | 32.6 | 33.3 | 33.7 | 34.9 | 35.2 | 37.2 | 38.3 |
| 82.5° | 24.2 | 24.0 | 24.2 | 24.6 | 24.6 | 25.4 | 25.4 | 26.3 | 26.4 | 27.3 | 28.5 |
| 85° | 13.0 | 12.3 | 13.0 | 12.6 | 13.4 | 12.6 | 13.0 | 13.8 | 13.8 | 14.2 | 15.7 |
| 87.5° | 7.5 | 8.0 | 7.3 | 7.6 | 7.5 | 7.7 | 7.6 | 7.5 | 8.0 | 7.5 | 7.4 |
| 90° | 22.1 | 21.7 | 21.4 | 21.1 | 20.8 | 20.3 | 19.6 | 19.0 | 18.3 | 17.7 | 15.5 |
| 92.5° | 24.4 | 24.2 | 24.0 | 23.8 | 23.6 | 23.0 | 22.0 | 20.9 | 19.9 | 18.8 | 17.2 |
| 95° | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.4 | 26.2 | 25.1 | 24.0 | 22.8 | 21.0 |
| 97.5° | 30.3 | 30.2 | 30.0 | 29.8 | 29.7 | 28.9 | 27.6 | 26.3 | 25.0 | 23.7 | 35.5 |
| 100° | 30.9 | 30.7 | 30.6 | 30.4 | 30.3 | 29.5 | 28.2 | 26.9 | 25.6 | 24.3 | 49.8 |
| 102.5° | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 32.2 | 36.3 | 40.3 | 44.4 | 48.4 | 76.3 |
| 105° | 32.4 | 32.1 | 31.7 | 31.4 | 31.1 | 45.4 | 74.3 | 103.3 | 132.2 | 161.2 | 175.9 |
| 107.5° | 101.7 | 123.5 | 145.3 | 167.1 | 189.0 | 210.5 | 231.7 | 252.9 | 274.1 | 295.4 | 293.1 |
| 110° | 202.4 | 225.7 | 249.1 | 272.5 | 295.9 | 310.3 | 315.7 | 321.1 | 326.5 | 331.9 | 330.1 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 347.2 | 352.1 | 357.1 | 362.0 | 366.9 | 369.4 | 369.3 | 369.2 | 369.1 | 369.0 | 367.2 |
| 115° | 432.7 | 432.0 | 431.4 | 430.7 | 430.1 | 428.9 | 427.3 | 425.7 | 424.0 | 422.4 | 420.9 |
| 117.5° | 480.7 | 480.5 | 480.4 | 480.3 | 480.1 | 479.4 | 478.1 | 476.8 | 475.5 | 474.2 | 473.4 |
| 120° | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.0 | 511.7 | 510.4 | 509.1 | 507.7 | 507.3 |
| 122.5° | 546.0 | 545.9 | 545.7 | 545.6 | 545.5 | 545.0 | 544.0 | 543.1 | 542.2 | 541.3 | 540.7 |
| 125° | 591.6 | 591.3 | 591.0 | 590.7 | 590.3 | 590.0 | 589.7 | 589.3 | 589.0 | 588.7 | 588.0 |
| 127.5° | 635.5 | 635.8 | 636.1 | 636.5 | 636.8 | 636.7 | 636.2 | 635.7 | 635.1 | 634.6 | 633.8 |
| 130° | 663.7 | 664.1 | 664.4 | 664.7 | 665.1 | 664.9 | 664.2 | 663.6 | 662.9 | 662.3 | 661.6 |
| 132.5° | 689.6 | 690.1 | 690.6 | 691.0 | 691.5 | 691.4 | 690.7 | 690.1 | 689.4 | 688.8 | 688.2 |
| 135° | 729.2 | 729.7 | 730.2 | 730.7 | 731.2 | 731.2 | 730.7 | 730.2 | 729.7 | 729.2 | 728.6 |
| 137.5° | 766.5 | 766.8 | 767.1 | 767.5 | 767.8 | 767.6 | 766.8 | 766.0 | 765.2 | 764.4 | 764.1 |
| 140° | 788.8 | 789.2 | 789.5 | 789.8 | 790.2 | 790.0 | 789.3 | 788.7 | 788.0 | 787.4 | 786.9 |
| 142.5° | 809.4 | 809.9 | 810.4 | 810.8 | 811.3 | 811.2 | 810.7 | 810.2 | 809.7 | 809.2 | 808.7 |
| 145° | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 840.9 | 840.6 | 840.3 | 839.9 | 839.6 | 839.3 |
| 147.5° | 864.6 | 865.4 | 866.1 | 866.9 | 867.6 | 867.9 | 867.5 | 867.2 | 866.9 | 866.5 | 866.2 |
| 150° | 882.3 | 882.8 | 883.3 | 883.8 | 884.3 | 884.3 | 884.0 | 883.7 | 883.4 | 883.0 | 882.7 |
| 152.5° | 896.4 | 897.2 | 897.9 | 898.7 | 899.4 | 899.5 | 898.9 | 898.3 | 897.7 | 897.2 | 897.0 |
| 155° | 916.1 | 917.1 | 918.1 | 919.1 | 920.1 | 920.2 | 919.3 | 918.5 | 917.7 | 916.9 | 916.7 |
| 157.5° | 932.8 | 934.1 | 935.3 | 936.6 | 937.9 | 938.0 | 937.0 | 936.1 | 935.1 | 934.1 | 934.3 |
| 160° | 943.4 | 944.5 | 945.7 | 946.8 | 948.0 | 948.0 | 947.1 | 946.1 | 945.1 | 944.1 | 944.3 |
| 162.5° | 953.4 | 954.4 | 955.4 | 956.4 | 957.4 | 957.4 | 956.3 | 955.2 | 954.1 | 952.9 | 953.1 |
| 165° | 965.4 | 966.6 | 967.7 | 968.9 | 970.0 | 969.9 | 968.6 | 967.3 | 966.0 | 964.7 | 964.9 |
| 167.5° | 974.1 | 975.4 | 976.7 | 978.1 | 979.4 | 979.4 | 978.1 | 976.7 | 975.4 | 974.1 | 974.1 |
| 170° | 979.4 | 980.7 | 982.0 | 983.4 | 984.7 | 984.7 | 983.4 | 982.0 | 980.7 | 979.4 | 979.4 |
| 172.5° | 982.4 | 983.8 | 985.3 | 986.7 | 988.1 | 988.2 | 986.9 | 985.6 | 984.3 | 983.0 | 982.8 |
| 175° | 986.8 | 988.1 | 989.4 | 990.7 | 992.0 | 992.1 | 991.0 | 989.8 | 988.7 | 987.5 | 987.4 |
| 177.5° | 988.1 | 989.4 | 990.7 | 992.0 | 993.3 | 993.5 | 992.4 | 991.4 | 990.3 | 989.3 | 989.2 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 |
| 2.5° | 923.8 | 922.9 | 918.6 | 913.7 | 907.3 | 903.0 | 899.6 | 897.8 | 892.3 | 885.5 | 880.9 |
| 5° | 980.9 | 969.4 | 957.2 | 942.2 | 928.4 | 914.3 | 905.5 | 895.1 | 882.5 | 868.3 | 858.3 |
| 7.5° | 1042.0 | 1019.5 | 995.2 | 970.2 | 945.4 | 923.2 | 903.6 | 886.8 | 866.7 | 846.4 | 832.1 |
| 10° | 1088.9 | 1056.0 | 1021.9 | 987.0 | 955.2 | 925.4 | 902.4 | 879.8 | 855.7 | 832.3 | 814.7 |
| 12.5° | 1131.5 | 1088.2 | 1048.9 | 1006.0 | 965.4 | 929.7 | 896.6 | 870.0 | 841.0 | 816.1 | 796.0 |
| 15° | 1185.4 | 1141.0 | 1093.5 | 1028.4 | 974.4 | 929.2 | 889.0 | 854.1 | 818.9 | 788.3 | 768.7 |
| 17.5° | 1235.8 | 1169.0 | 1105.2 | 1050.8 | 980.7 | 924.2 | 875.1 | 833.4 | 794.8 | 762.3 | 738.2 |
| 20° | 1256.7 | 1192.0 | 1122.6 | 1053.3 | 984.4 | 921.2 | 864.1 | 818.1 | 777.9 | 741.1 | 718.9 |
| 22.5° | 1269.2 | 1195.9 | 1122.9 | 1048.4 | 975.2 | 909.5 | 853.1 | 802.5 | 758.9 | 724.0 | 696.6 |
| 25° | 1283.9 | 1196.5 | 1116.1 | 1042.6 | 967.9 | 896.6 | 829.6 | 776.0 | 728.9 | 691.7 | 662.6 |
| 27.5° | 1293.5 | 1190.8 | 1095.7 | 1014.0 | 938.2 | 867.3 | 805.9 | 749.0 | 701.2 | 661.9 | 630.7 |
| 30° | 1295.4 | 1186.2 | 1080.1 | 991.6 | 914.6 | 849.5 | 784.4 | 730.0 | 679.5 | 637.7 | 608.6 |
| 32.5° | 1297.8 | 1174.9 | 1059.0 | 965.0 | 886.2 | 821.7 | 762.7 | 710.7 | 658.9 | 617.8 | 588.1 |
| 35° | 1287.7 | 1168.6 | 1026.9 | 918.9 | 840.0 | 777.5 | 724.3 | 676.4 | 625.5 | 585.6 | 555.4 |
| 37.5° | 1244.2 | 1143.7 | 993.6 | 866.9 | 784.4 | 726.6 | 683.2 | 641.5 | 594.8 | 551.8 | 523.3 |
| 40° | 1200.4 | 1119.2 | 967.9 | 835.4 | 749.2 | 689.8 | 650.7 | 616.7 | 571.5 | 531.2 | 500.6 |
| 42.5° | 1135.1 | 1085.8 | 943.4 | 802.3 | 709.3 | 652.1 | 619.2 | 587.2 | 547.6 | 506.7 | 477.9 |
| 45° | 1015.4 | 1021.9 | 893.2 | 749.6 | 654.2 | 596.7 | 565.7 | 543.5 | 508.3 | 474.6 | 445.1 |
| 47.5° | 865.2 | 926.1 | 834.3 | 693.4 | 596.1 | 542.1 | 515.0 | 495.6 | 471.9 | 438.8 | 411.9 |
| 50° | 767.2 | 854.1 | 787.1 | 655.7 | 559.6 | 506.0 | 479.2 | 463.5 | 442.8 | 416.7 | 391.1 |
| 52.5° | 676.8 | 770.2 | 730.1 | 613.7 | 520.1 | 471.0 | 444.8 | 431.9 | 415.5 | 391.0 | 367.8 |
| 55° | 551.9 | 646.5 | 637.3 | 550.4 | 460.8 | 416.7 | 396.8 | 382.3 | 371.1 | 352.8 | 334.4 |
| 57.5° | 446.4 | 536.1 | 540.9 | 479.9 | 408.5 | 365.0 | 347.9 | 336.9 | 329.6 | 315.8 | 298.8 |
| 60° | 380.0 | 462.3 | 478.4 | 432.4 | 371.1 | 332.8 | 316.0 | 307.2 | 301.4 | 290.3 | 277.3 |
| 62.5° | 324.8 | 394.9 | 413.1 | 380.0 | 335.3 | 299.4 | 286.3 | 277.8 | 273.9 | 264.3 | 252.8 |
| 65° | 248.6 | 306.8 | 324.4 | 306.0 | 282.7 | 253.9 | 243.2 | 235.9 | 232.5 | 227.1 | 218.7 |
| 67.5° | 186.9 | 229.4 | 248.7 | 235.7 | 227.3 | 209.1 | 202.3 | 198.4 | 195.3 | 191.7 | 184.6 |
| 70° | 150.1 | 181.6 | 201.5 | 198.0 | 191.1 | 181.6 | 176.6 | 173.9 | 170.8 | 167.8 | 161.6 |
| 72.5° | 120.7 | 142.3 | 161.0 | 162.8 | 157.1 | 155.2 | 150.8 | 149.7 | 147.8 | 144.2 | 140.8 |
| 75° | 80.1 | 95.0 | 108.0 | 113.0 | 115.3 | 117.2 | 115.3 | 114.9 | 114.5 | 111.5 | 109.5 |
| 77.5° | 52.5 | 60.5 | 68.7 | 77.2 | 80.8 | 83.4 | 84.0 | 85.4 | 84.4 | 82.8 | 81.9 |
| 80° | 40.2 | 42.1 | 47.9 | 55.2 | 60.9 | 63.2 | 64.7 | 65.5 | 65.1 | 64.7 | 63.2 |
| 82.5° | 29.2 | 30.8 | 33.5 | 38.6 | 43.4 | 47.3 | 48.2 | 48.0 | 48.9 | 49.1 | 47.9 |
| 85° | 15.7 | 16.1 | 16.9 | 17.6 | 20.3 | 24.5 | 25.7 | 26.4 | 27.2 | 27.2 | 24.9 |
| 87.5° | 7.6 | 6.9 | 7.0 | 6.7 | 7.3 | 7.2 | 8.7 | 10.0 | 10.6 | 9.7 | 10.0 |
| 90° | 13.4 | 11.3 | 9.2 | 7.3 | 5.6 | 4.0 | 2.4 | 0.7 | 2.4 | 4.0 | 5.6 |
| 92.5° | 15.6 | 14.0 | 12.4 | 11.9 | 12.3 | 12.8 | 13.2 | 13.7 | 13.2 | 12.8 | 12.3 |
| 95° | 19.2 | 17.4 | 15.6 | 18.1 | 24.8 | 31.5 | 38.2 | 44.9 | 38.2 | 31.5 | 24.8 |
| 97.5° | 47.2 | 59.0 | 70.8 | 78.2 | 81.2 | 84.2 | 87.2 | 90.2 | 87.2 | 84.2 | 81.2 |
| 100° | 75.3 | 100.8 | 126.3 | 137.4 | 134.2 | 130.9 | 127.6 | 124.4 | 127.6 | 130.9 | 134.2 |
| 102.5° | 104.1 | 132.0 | 159.9 | 172.6 | 170.3 | 167.9 | 165.6 | 163.2 | 165.6 | 167.9 | 170.3 |
| 105° | 190.6 | 205.3 | 220.0 | 226.5 | 224.7 | 222.9 | 221.1 | 219.3 | 221.1 | 222.9 | 224.7 |
| 107.5° | 290.7 | 288.4 | 286.1 | 284.2 | 282.8 | 281.3 | 279.9 | 278.4 | 279.9 | 281.3 | 282.8 |
| 110° | 328.3 | 326.5 | 324.7 | 323.1 | 321.8 | 320.5 | 319.2 | 317.9 | 319.2 | 320.5 | 321.8 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 365.4 | 363.6 | 361.8 | 360.3 | 359.1 | 357.9 | 356.7 | 355.6 | 356.7 | 357.9 | 359.1 |
| 115° | 419.4 | 418.0 | 416.5 | 415.3 | 414.3 | 413.3 | 412.3 | 411.3 | 412.3 | 413.3 | 414.3 |
| 117.5° | 472.7 | 471.9 | 471.2 | 470.2 | 469.0 | 467.8 | 466.6 | 465.4 | 466.6 | 467.8 | 469.0 |
| 120° | 506.8 | 506.3 | 505.8 | 504.8 | 503.3 | 501.9 | 500.4 | 498.9 | 500.4 | 501.9 | 503.3 |
| 122.5° | 540.1 | 539.4 | 538.8 | 537.9 | 536.7 | 535.5 | 534.3 | 533.1 | 534.3 | 535.5 | 536.7 |
| 125° | 587.4 | 586.7 | 586.1 | 585.1 | 583.8 | 582.5 | 581.2 | 579.9 | 581.2 | 582.5 | 583.8 |
| 127.5° | 633.0 | 632.3 | 631.5 | 630.4 | 629.1 | 627.8 | 626.5 | 625.2 | 626.5 | 627.8 | 629.1 |
| 130° | 661.0 | 660.3 | 659.7 | 658.7 | 657.4 | 656.1 | 654.8 | 653.4 | 654.8 | 656.1 | 657.4 |
| 132.5° | 687.7 | 687.2 | 686.7 | 685.8 | 684.4 | 683.1 | 681.8 | 680.5 | 681.8 | 683.1 | 684.4 |
| 135° | 727.9 | 727.3 | 726.6 | 725.8 | 724.8 | 723.8 | 722.9 | 721.9 | 722.9 | 723.8 | 724.8 |
| 137.5° | 763.7 | 763.3 | 763.0 | 762.2 | 760.9 | 759.7 | 758.4 | 757.2 | 758.4 | 759.7 | 760.9 |
| 140° | 786.4 | 785.9 | 785.4 | 784.7 | 783.7 | 782.7 | 781.7 | 780.7 | 781.7 | 782.7 | 783.7 |
| 142.5° | 808.2 | 807.7 | 807.2 | 806.5 | 805.5 | 804.5 | 803.5 | 802.5 | 803.5 | 804.5 | 805.5 |
| 145° | 839.0 | 838.6 | 838.3 | 837.6 | 836.4 | 835.3 | 834.1 | 833.0 | 834.1 | 835.3 | 836.4 |
| 147.5° | 865.9 | 865.6 | 865.2 | 864.7 | 863.9 | 863.2 | 862.4 | 861.7 | 862.4 | 863.2 | 863.9 |
| 150° | 882.4 | 882.1 | 881.7 | 881.3 | 880.8 | 880.3 | 879.8 | 879.4 | 879.8 | 880.3 | 880.8 |
| 152.5° | 896.8 | 896.6 | 896.4 | 896.2 | 895.9 | 895.7 | 895.5 | 895.2 | 895.5 | 895.7 | 895.9 |
| 155° | 916.6 | 916.4 | 916.2 | 916.3 | 916.6 | 917.0 | 917.3 | 917.6 | 917.3 | 917.0 | 916.6 |
| 157.5° | 934.4 | 934.6 | 934.8 | 934.9 | 934.9 | 934.9 | 935.0 | 935.0 | 935.0 | 934.9 | 934.9 |
| 160° | 944.4 | 944.6 | 944.8 | 944.9 | 945.1 | 945.3 | 945.4 | 945.6 | 945.4 | 945.3 | 945.1 |
| 162.5° | 953.3 | 953.4 | 953.6 | 953.9 | 954.3 | 954.7 | 955.2 | 955.6 | 955.2 | 954.7 | 954.3 |
| 165° | 965.0 | 965.2 | 965.4 | 965.7 | 966.2 | 966.7 | 967.2 | 967.7 | 967.2 | 966.7 | 966.2 |
| 167.5° | 974.1 | 974.1 | 974.1 | 974.5 | 975.1 | 975.8 | 976.4 | 977.1 | 976.4 | 975.8 | 975.1 |
| 170° | 979.4 | 979.4 | 979.4 | 979.8 | 980.4 | 981.1 | 981.7 | 982.4 | 981.7 | 981.1 | 980.4 |
| 172.5° | 982.7 | 982.6 | 982.4 | 982.8 | 983.6 | 984.3 | 985.1 | 985.9 | 985.1 | 984.3 | 983.6 |
| 175° | 987.2 | 987.0 | 986.9 | 987.2 | 988.0 | 988.8 | 989.6 | 990.5 | 989.6 | 988.8 | 988.0 |
| 177.5° | 989.0 | 988.9 | 988.8 | 989.0 | 989.7 | 990.3 | 991.0 | 991.6 | 991.0 | 990.3 | 989.7 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 |
| 2.5° | 879.4 | 875.4 | 872.7 | 866.5 | 862.6 | 858.3 | 854.0 | 856.7 | 856.4 | 856.1 | 856.1 |
| 5° | 849.9 | 841.1 | 833.1 | 822.7 | 816.2 | 808.2 | 802.0 | 801.3 | 802.8 | 797.4 | 794.4 |
| 7.5° | 820.7 | 808.6 | 797.2 | 785.8 | 773.7 | 764.0 | 758.0 | 755.2 | 751.3 | 748.0 | 744.5 |
| 10° | 800.1 | 786.0 | 774.8 | 760.7 | 747.7 | 736.2 | 728.9 | 723.9 | 721.2 | 718.5 | 713.6 |
| 12.5° | 779.0 | 765.1 | 750.9 | 734.9 | 722.5 | 709.2 | 703.8 | 698.2 | 693.0 | 690.0 | 683.2 |
| 15° | 748.0 | 730.0 | 715.1 | 698.2 | 684.5 | 671.4 | 663.8 | 652.7 | 651.1 | 647.3 | 640.4 |
| 17.5° | 717.0 | 697.5 | 676.9 | 664.4 | 648.8 | 635.3 | 623.6 | 619.9 | 608.9 | 604.8 | 598.8 |
| 20° | 692.5 | 674.5 | 658.8 | 642.3 | 619.7 | 607.1 | 597.9 | 592.9 | 584.1 | 578.7 | 574.9 |
| 22.5° | 671.4 | 653.0 | 634.9 | 615.7 | 597.0 | 582.9 | 576.1 | 568.4 | 563.6 | 556.1 | 551.9 |
| 25° | 641.2 | 621.3 | 599.4 | 578.7 | 565.3 | 554.6 | 543.9 | 537.0 | 530.1 | 526.6 | 519.0 |
| 27.5° | 606.1 | 585.3 | 564.9 | 549.2 | 532.7 | 522.1 | 512.4 | 506.3 | 498.0 | 492.2 | 488.0 |
| 30° | 586.8 | 562.3 | 544.7 | 530.5 | 509.4 | 499.5 | 492.2 | 484.5 | 478.4 | 472.3 | 468.0 |
| 32.5° | 564.4 | 542.0 | 525.3 | 507.8 | 491.6 | 480.8 | 471.3 | 464.6 | 459.4 | 453.6 | 449.4 |
| 35° | 529.3 | 510.6 | 493.3 | 475.7 | 463.8 | 452.7 | 441.6 | 435.9 | 430.9 | 425.5 | 421.7 |
| 37.5° | 497.6 | 480.1 | 463.7 | 447.0 | 432.3 | 423.2 | 414.3 | 409.9 | 403.2 | 399.6 | 395.7 |
| 40° | 478.0 | 460.8 | 443.2 | 427.1 | 411.7 | 404.9 | 396.8 | 390.3 | 384.2 | 381.5 | 377.3 |
| 42.5° | 456.6 | 439.3 | 424.5 | 407.1 | 394.6 | 385.2 | 377.8 | 370.7 | 366.1 | 362.2 | 359.8 |
| 45° | 424.8 | 409.4 | 394.9 | 377.7 | 365.8 | 357.7 | 349.3 | 342.8 | 338.6 | 335.9 | 331.7 |
| 47.5° | 393.9 | 378.6 | 363.8 | 348.8 | 337.3 | 328.1 | 319.7 | 315.1 | 309.6 | 306.3 | 303.4 |
| 50° | 371.5 | 357.7 | 342.0 | 328.2 | 316.8 | 307.6 | 300.7 | 294.9 | 289.9 | 285.7 | 283.8 |
| 52.5° | 351.0 | 336.3 | 322.7 | 309.9 | 297.8 | 287.3 | 281.1 | 275.0 | 271.3 | 266.4 | 264.2 |
| 55° | 317.1 | 303.0 | 291.5 | 278.8 | 267.0 | 258.2 | 250.5 | 245.1 | 241.3 | 235.9 | 232.9 |
| 57.5° | 285.3 | 272.6 | 258.9 | 248.0 | 235.7 | 228.3 | 221.9 | 214.6 | 210.0 | 205.8 | 202.8 |
| 60° | 263.9 | 249.3 | 237.5 | 227.1 | 216.4 | 206.8 | 201.1 | 195.3 | 190.4 | 186.1 | 183.5 |
| 62.5° | 241.5 | 228.8 | 217.6 | 206.3 | 196.5 | 188.1 | 181.5 | 176.6 | 172.3 | 169.6 | 166.9 |
| 65° | 207.2 | 197.3 | 185.8 | 176.6 | 167.4 | 161.3 | 155.9 | 151.7 | 148.6 | 146.7 | 144.4 |
| 67.5° | 175.7 | 166.0 | 156.0 | 146.9 | 140.8 | 136.1 | 132.6 | 129.0 | 127.5 | 125.0 | 123.5 |
| 70° | 155.1 | 145.2 | 136.4 | 129.5 | 123.3 | 119.9 | 117.6 | 114.9 | 113.4 | 110.3 | 108.8 |
| 72.5° | 132.8 | 125.6 | 119.2 | 113.5 | 108.6 | 105.5 | 102.6 | 99.3 | 96.8 | 93.5 | 91.9 |
| 75° | 104.6 | 98.1 | 93.1 | 89.2 | 86.2 | 82.0 | 77.8 | 74.3 | 73.2 | 72.0 | 71.6 |
| 77.5° | 77.4 | 73.3 | 69.7 | 66.5 | 62.7 | 59.6 | 58.7 | 57.9 | 57.7 | 57.1 | 57.1 |
| 80° | 60.9 | 57.1 | 54.4 | 50.6 | 48.3 | 48.3 | 48.3 | 47.5 | 47.9 | 47.9 | 47.9 |
| 82.5° | 45.3 | 41.7 | 40.3 | 38.9 | 38.5 | 38.8 | 38.8 | 38.9 | 38.7 | 39.3 | 39.0 |
| 85° | 23.4 | 23.7 | 24.5 | 24.1 | 24.5 | 24.5 | 25.3 | 24.9 | 25.3 | 24.5 | 25.3 |
| 87.5° | 10.0 | 11.3 | 12.1 | 12.8 | 13.5 | 13.6 | 14.1 | 14.2 | 14.6 | 14.8 | 14.9 |
| 90° | 7.3 | 9.2 | 11.3 | 13.4 | 15.5 | 17.7 | 18.3 | 19.0 | 19.6 | 20.3 | 20.8 |
| 92.5° | 11.9 | 12.4 | 14.0 | 15.6 | 17.2 | 18.8 | 19.9 | 20.9 | 22.0 | 23.0 | 23.6 |
| 95° | 18.1 | 15.6 | 17.4 | 19.2 | 21.0 | 22.8 | 24.0 | 25.1 | 26.2 | 27.4 | 28.0 |
| 97.5° | 78.2 | 70.8 | 59.0 | 47.2 | 35.5 | 23.7 | 25.0 | 26.3 | 27.6 | 28.9 | 29.7 |
| 100° | 137.4 | 126.3 | 100.8 | 75.3 | 49.8 | 24.3 | 25.6 | 26.9 | 28.2 | 29.5 | 30.3 |
| 102.5° | 172.6 | 159.9 | 132.0 | 104.1 | 76.3 | 48.4 | 44.4 | 40.3 | 36.3 | 32.2 | 30.3 |
| 105° | 226.5 | 220.0 | 205.3 | 190.6 | 175.9 | 161.2 | 132.2 | 103.3 | 74.3 | 45.4 | 31.1 |
| 107.5° | 284.2 | 286.1 | 288.4 | 290.7 | 293.1 | 295.4 | 274.1 | 252.9 | 231.7 | 210.5 | 189.0 |
| 110° | 323.1 | 324.7 | 326.5 | 328.3 | 330.1 | 331.9 | 326.5 | 321.1 | 315.7 | 310.3 | 295.9 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 360.3 | 361.8 | 363.6 | 365.4 | 367.2 | 369.0 | 369.1 | 369.2 | 369.3 | 369.4 | 366.9 |
| 115° | 415.3 | 416.5 | 418.0 | 419.4 | 420.9 | 422.4 | 424.0 | 425.7 | 427.3 | 428.9 | 430.1 |
| 117.5° | 470.2 | 471.2 | 471.9 | 472.7 | 473.4 | 474.2 | 475.5 | 476.8 | 478.1 | 479.4 | 480.1 |
| 120° | 504.8 | 505.8 | 506.3 | 506.8 | 507.3 | 507.7 | 509.1 | 510.4 | 511.7 | 513.0 | 513.6 |
| 122.5° | 537.9 | 538.8 | 539.4 | 540.1 | 540.7 | 541.3 | 542.2 | 543.1 | 544.0 | 545.0 | 545.5 |
| 125° | 585.1 | 586.1 | 586.7 | 587.4 | 588.0 | 588.7 | 589.0 | 589.3 | 589.7 | 590.0 | 590.3 |
| 127.5° | 630.4 | 631.5 | 632.3 | 633.0 | 633.8 | 634.6 | 635.1 | 635.7 | 636.2 | 636.7 | 636.8 |
| 130° | 658.7 | 659.7 | 660.3 | 661.0 | 661.6 | 662.3 | 662.9 | 663.6 | 664.2 | 664.9 | 665.1 |
| 132.5° | 685.8 | 686.7 | 687.2 | 687.7 | 688.2 | 688.8 | 689.4 | 690.1 | 690.7 | 691.4 | 691.5 |
| 135° | 725.8 | 726.6 | 727.3 | 727.9 | 728.6 | 729.2 | 729.7 | 730.2 | 730.7 | 731.2 | 731.2 |
| 137.5° | 762.2 | 763.0 | 763.3 | 763.7 | 764.1 | 764.4 | 765.2 | 766.0 | 766.8 | 767.6 | 767.8 |
| 140° | 784.7 | 785.4 | 785.9 | 786.4 | 786.9 | 787.4 | 788.0 | 788.7 | 789.3 | 790.0 | 790.2 |
| 142.5° | 806.5 | 807.2 | 807.7 | 808.2 | 808.7 | 809.2 | 809.7 | 810.2 | 810.7 | 811.2 | 811.3 |
| 145° | 837.6 | 838.3 | 838.6 | 839.0 | 839.3 | 839.6 | 839.9 | 840.3 | 840.6 | 840.9 | 841.1 |
| 147.5° | 864.7 | 865.2 | 865.6 | 865.9 | 866.2 | 866.5 | 866.9 | 867.2 | 867.5 | 867.9 | 867.6 |
| 150° | 881.3 | 881.7 | 882.1 | 882.4 | 882.7 | 883.0 | 883.4 | 883.7 | 884.0 | 884.3 | 884.3 |
| 152.5° | 896.2 | 896.4 | 896.6 | 896.8 | 897.0 | 897.2 | 897.7 | 898.3 | 898.9 | 899.5 | 899.4 |
| 155° | 916.3 | 916.2 | 916.4 | 916.6 | 916.7 | 916.9 | 917.7 | 918.5 | 919.3 | 920.2 | 920.1 |
| 157.5° | 934.9 | 934.8 | 934.6 | 934.4 | 934.3 | 934.1 | 935.1 | 936.1 | 937.0 | 938.0 | 937.9 |
| 160° | 944.9 | 944.8 | 944.6 | 944.4 | 944.3 | 944.1 | 945.1 | 946.1 | 947.1 | 948.0 | 948.0 |
| 162.5° | 953.9 | 953.6 | 953.4 | 953.3 | 953.1 | 952.9 | 954.1 | 955.2 | 956.3 | 957.4 | 957.4 |
| 165° | 965.7 | 965.4 | 965.2 | 965.0 | 964.9 | 964.7 | 966.0 | 967.3 | 968.6 | 969.9 | 970.0 |
| 167.5° | 974.5 | 974.1 | 974.1 | 974.1 | 974.1 | 974.1 | 975.4 | 976.7 | 978.1 | 979.4 | 979.4 |
| 170° | 979.8 | 979.4 | 979.4 | 979.4 | 979.4 | 979.4 | 980.7 | 982.0 | 983.4 | 984.7 | 984.7 |
| 172.5° | 982.8 | 982.4 | 982.6 | 982.7 | 982.8 | 983.0 | 984.3 | 985.6 | 986.9 | 988.2 | 988.1 |
| 175° | 987.2 | 986.9 | 987.0 | 987.2 | 987.4 | 987.5 | 988.7 | 989.8 | 991.0 | 992.1 | 992.0 |
| 177.5° | 989.0 | 988.8 | 988.9 | 989.0 | 989.2 | 989.3 | 990.3 | 991.4 | 992.4 | 993.5 | 993.3 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 |
| 2.5° | 852.4 | 852.1 | 852.4 | 851.2 | 852.4 | 852.1 | 852.4 | 856.1 | 856.1 | 856.4 | 856.7 |
| 5° | 793.2 | 792.8 | 791.7 | 788.3 | 791.7 | 792.8 | 793.2 | 794.4 | 797.4 | 802.8 | 801.3 |
| 7.5° | 741.5 | 741.0 | 737.6 | 737.7 | 737.6 | 741.0 | 741.5 | 744.5 | 748.0 | 751.3 | 755.2 |
| 10° | 710.9 | 711.3 | 706.7 | 704.0 | 706.7 | 711.3 | 710.9 | 713.6 | 718.5 | 721.2 | 723.9 |
| 12.5° | 681.2 | 679.4 | 675.7 | 672.7 | 675.7 | 679.4 | 681.2 | 683.2 | 690.0 | 693.0 | 698.2 |
| 15° | 641.9 | 638.1 | 628.9 | 629.7 | 628.9 | 638.1 | 641.9 | 640.4 | 647.3 | 651.1 | 652.7 |
| 17.5° | 595.7 | 592.9 | 592.8 | 587.4 | 592.8 | 592.9 | 595.7 | 598.8 | 604.8 | 608.9 | 619.9 |
| 20° | 568.8 | 566.9 | 567.6 | 562.3 | 567.6 | 566.9 | 568.8 | 574.9 | 578.7 | 584.1 | 592.9 |
| 22.5° | 547.6 | 545.7 | 542.5 | 540.8 | 542.5 | 545.7 | 547.6 | 551.9 | 556.1 | 563.6 | 568.4 |
| 25° | 516.7 | 513.6 | 510.6 | 512.5 | 510.6 | 513.6 | 516.7 | 519.0 | 526.6 | 530.1 | 537.0 |
| 27.5° | 485.7 | 483.4 | 480.4 | 480.0 | 480.4 | 483.4 | 485.7 | 488.0 | 492.2 | 498.0 | 506.3 |
| 30° | 466.1 | 463.8 | 462.3 | 460.4 | 462.3 | 463.8 | 466.1 | 468.0 | 472.3 | 478.4 | 484.5 |
| 32.5° | 446.2 | 445.8 | 443.0 | 442.6 | 443.0 | 445.8 | 446.2 | 449.4 | 453.6 | 459.4 | 464.6 |
| 35° | 420.2 | 417.9 | 417.1 | 417.5 | 417.1 | 417.9 | 420.2 | 421.7 | 425.5 | 430.9 | 435.9 |
| 37.5° | 395.4 | 392.4 | 391.0 | 389.6 | 391.0 | 392.4 | 395.4 | 395.7 | 399.6 | 403.2 | 409.9 |
| 40° | 377.7 | 374.6 | 373.8 | 373.1 | 373.8 | 374.6 | 377.7 | 377.3 | 381.5 | 384.2 | 390.3 |
| 42.5° | 357.7 | 356.5 | 356.1 | 354.7 | 356.1 | 356.5 | 357.7 | 359.8 | 362.2 | 366.1 | 370.7 |
| 45° | 330.5 | 330.2 | 327.9 | 328.6 | 327.9 | 330.2 | 330.5 | 331.7 | 335.9 | 338.6 | 342.8 |
| 47.5° | 301.9 | 300.2 | 298.6 | 299.7 | 298.6 | 300.2 | 301.9 | 303.4 | 306.3 | 309.6 | 315.1 |
| 50° | 282.3 | 281.5 | 278.1 | 278.8 | 278.1 | 281.5 | 282.3 | 283.8 | 285.7 | 289.9 | 294.9 |
| 52.5° | 262.7 | 259.8 | 258.5 | 258.0 | 258.5 | 259.8 | 262.7 | 264.2 | 266.4 | 271.3 | 275.0 |
| 55° | 230.2 | 226.7 | 225.2 | 224.4 | 225.2 | 226.7 | 230.2 | 232.9 | 235.9 | 241.3 | 245.1 |
| 57.5° | 198.3 | 197.4 | 196.2 | 197.0 | 196.2 | 197.4 | 198.3 | 202.8 | 205.8 | 210.0 | 214.6 |
| 60° | 179.6 | 179.6 | 179.6 | 179.3 | 179.6 | 179.6 | 179.6 | 183.5 | 186.1 | 190.4 | 195.3 |
| 62.5° | 165.2 | 164.3 | 164.0 | 164.5 | 164.0 | 164.3 | 165.2 | 166.9 | 169.6 | 172.3 | 176.6 |
| 65° | 143.2 | 142.9 | 141.3 | 141.0 | 141.3 | 142.9 | 143.2 | 144.4 | 146.7 | 148.6 | 151.7 |
| 67.5° | 122.5 | 121.1 | 120.7 | 120.1 | 120.7 | 121.1 | 122.5 | 123.5 | 125.0 | 127.5 | 129.0 |
| 70° | 106.9 | 106.1 | 103.8 | 104.2 | 103.8 | 106.1 | 106.9 | 108.8 | 110.3 | 113.4 | 114.9 |
| 72.5° | 90.0 | 89.2 | 88.8 | 88.2 | 88.8 | 89.2 | 90.0 | 91.9 | 93.5 | 96.8 | 99.3 |
| 75° | 71.2 | 70.9 | 70.5 | 72.0 | 70.5 | 70.9 | 71.2 | 71.6 | 72.0 | 73.2 | 74.3 |
| 77.5° | 57.1 | 57.1 | 57.3 | 56.7 | 57.3 | 57.1 | 57.1 | 57.1 | 57.1 | 57.7 | 57.9 |
| 80° | 47.9 | 47.9 | 47.5 | 47.5 | 47.5 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.5 |
| 82.5° | 38.4 | 38.7 | 38.9 | 38.3 | 38.9 | 38.7 | 38.4 | 39.0 | 39.3 | 38.7 | 38.9 |
| 85° | 25.3 | 24.9 | 25.7 | 25.3 | 25.7 | 24.9 | 25.3 | 25.3 | 24.5 | 25.3 | 24.9 |
| 87.5° | 15.6 | 15.0 | 15.1 | 15.4 | 15.1 | 15.0 | 15.6 | 14.9 | 14.8 | 14.6 | 14.2 |
| 90° | 21.1 | 21.4 | 21.7 | 22.1 | 21.7 | 21.4 | 21.1 | 20.8 | 20.3 | 19.6 | 19.0 |
| 92.5° | 23.8 | 24.0 | 24.2 | 24.4 | 24.2 | 24.0 | 23.8 | 23.6 | 23.0 | 22.0 | 20.9 |
| 95° | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.4 | 26.2 | 25.1 |
| 97.5° | 29.8 | 30.0 | 30.2 | 30.3 | 30.2 | 30.0 | 29.8 | 29.7 | 28.9 | 27.6 | 26.3 |
| 100° | 30.4 | 30.6 | 30.7 | 30.9 | 30.7 | 30.6 | 30.4 | 30.3 | 29.5 | 28.2 | 26.9 |
| 102.5° | 30.6 | 30.9 | 31.2 | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 32.2 | 36.3 | 40.3 |
| 105° | 31.4 | 31.7 | 32.1 | 32.4 | 32.1 | 31.7 | 31.4 | 31.1 | 45.4 | 74.3 | 103.3 |
| 107.5° | 167.1 | 145.3 | 123.5 | 101.7 | 123.5 | 145.3 | 167.1 | 189.0 | 210.5 | 231.7 | 252.9 |
| 110° | 272.5 | 249.1 | 225.7 | 202.4 | 225.7 | 249.1 | 272.5 | 295.9 | 310.3 | 315.7 | 321.1 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.0 | 357.1 | 352.1 | 347.2 | 352.1 | 357.1 | 362.0 | 366.9 | 369.4 | 369.3 | 369.2 |
| 115° | 430.7 | 431.4 | 432.0 | 432.7 | 432.0 | 431.4 | 430.7 | 430.1 | 428.9 | 427.3 | 425.7 |
| 117.5° | 480.3 | 480.4 | 480.5 | 480.7 | 480.5 | 480.4 | 480.3 | 480.1 | 479.4 | 478.1 | 476.8 |
| 120° | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.0 | 511.7 | 510.4 |
| 122.5° | 545.6 | 545.7 | 545.9 | 546.0 | 545.9 | 545.7 | 545.6 | 545.5 | 545.0 | 544.0 | 543.1 |
| 125° | 590.7 | 591.0 | 591.3 | 591.6 | 591.3 | 591.0 | 590.7 | 590.3 | 590.0 | 589.7 | 589.3 |
| 127.5° | 636.5 | 636.1 | 635.8 | 635.5 | 635.8 | 636.1 | 636.5 | 636.8 | 636.7 | 636.2 | 635.7 |
| 130° | 664.7 | 664.4 | 664.1 | 663.7 | 664.1 | 664.4 | 664.7 | 665.1 | 664.9 | 664.2 | 663.6 |
| 132.5° | 691.0 | 690.6 | 690.1 | 689.6 | 690.1 | 690.6 | 691.0 | 691.5 | 691.4 | 690.7 | 690.1 |
| 135° | 730.7 | 730.2 | 729.7 | 729.2 | 729.7 | 730.2 | 730.7 | 731.2 | 731.2 | 730.7 | 730.2 |
| 137.5° | 767.5 | 767.1 | 766.8 | 766.5 | 766.8 | 767.1 | 767.5 | 767.8 | 767.6 | 766.8 | 766.0 |
| 140° | 789.8 | 789.5 | 789.2 | 788.8 | 789.2 | 789.5 | 789.8 | 790.2 | 790.0 | 789.3 | 788.7 |
| 142.5° | 810.8 | 810.4 | 809.9 | 809.4 | 809.9 | 810.4 | 810.8 | 811.3 | 811.2 | 810.7 | 810.2 |
| 145° | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 840.9 | 840.6 | 840.3 |
| 147.5° | 866.9 | 866.1 | 865.4 | 864.6 | 865.4 | 866.1 | 866.9 | 867.6 | 867.9 | 867.5 | 867.2 |
| 150° | 883.8 | 883.3 | 882.8 | 882.3 | 882.8 | 883.3 | 883.8 | 884.3 | 884.3 | 884.0 | 883.7 |
| 152.5° | 898.7 | 897.9 | 897.2 | 896.4 | 897.2 | 897.9 | 898.7 | 899.4 | 899.5 | 898.9 | 898.3 |
| 155° | 919.1 | 918.1 | 917.1 | 916.1 | 917.1 | 918.1 | 919.1 | 920.1 | 920.2 | 919.3 | 918.5 |
| 157.5° | 936.6 | 935.3 | 934.1 | 932.8 | 934.1 | 935.3 | 936.6 | 937.9 | 938.0 | 937.0 | 936.1 |
| 160° | 946.8 | 945.7 | 944.5 | 943.4 | 944.5 | 945.7 | 946.8 | 948.0 | 948.0 | 947.1 | 946.1 |
| 162.5° | 956.4 | 955.4 | 954.4 | 953.4 | 954.4 | 955.4 | 956.4 | 957.4 | 957.4 | 956.3 | 955.2 |
| 165° | 968.9 | 967.7 | 966.6 | 965.4 | 966.6 | 967.7 | 968.9 | 970.0 | 969.9 | 968.6 | 967.3 |
| 167.5° | 978.1 | 976.7 | 975.4 | 974.1 | 975.4 | 976.7 | 978.1 | 979.4 | 979.4 | 978.1 | 976.7 |
| 170° | 983.4 | 982.0 | 980.7 | 979.4 | 980.7 | 982.0 | 983.4 | 984.7 | 984.7 | 983.4 | 982.0 |
| 172.5° | 986.7 | 985.3 | 983.8 | 982.4 | 983.8 | 985.3 | 986.7 | 988.1 | 988.2 | 986.9 | 985.6 |
| 175° | 990.7 | 989.4 | 988.1 | 986.8 | 988.1 | 989.4 | 990.7 | 992.0 | 992.1 | 991.0 | 989.8 |
| 177.5° | 992.0 | 990.7 | 989.4 | 988.1 | 989.4 | 990.7 | 992.0 | 993.3 | 993.5 | 992.4 | 991.4 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 |
| 2.5° | 854.0 | 858.3 | 862.6 | 866.5 | 872.7 | 875.4 | 879.4 | 880.9 | 885.5 | 892.3 | 897.8 |
| 5° | 802.0 | 808.2 | 816.2 | 822.7 | 833.1 | 841.1 | 849.9 | 858.3 | 868.3 | 882.5 | 895.1 |
| 7.5° | 758.0 | 764.0 | 773.7 | 785.8 | 797.2 | 808.6 | 820.7 | 832.1 | 846.4 | 866.7 | 886.8 |
| 10° | 728.9 | 736.2 | 747.7 | 760.7 | 774.8 | 786.0 | 800.1 | 814.7 | 832.3 | 855.7 | 879.8 |
| 12.5° | 703.8 | 709.2 | 722.5 | 734.9 | 750.9 | 765.1 | 779.0 | 796.0 | 816.1 | 841.0 | 870.0 |
| 15° | 663.8 | 671.4 | 684.5 | 698.2 | 715.1 | 730.0 | 748.0 | 768.7 | 788.3 | 818.9 | 854.1 |
| 17.5° | 623.6 | 635.3 | 648.8 | 664.4 | 676.9 | 697.5 | 717.0 | 738.2 | 762.3 | 794.8 | 833.4 |
| 20° | 597.9 | 607.1 | 619.7 | 642.3 | 658.8 | 674.5 | 692.5 | 718.9 | 741.1 | 777.9 | 818.1 |
| 22.5° | 576.1 | 582.9 | 597.0 | 615.7 | 634.9 | 653.0 | 671.4 | 696.6 | 724.0 | 758.9 | 802.5 |
| 25° | 543.9 | 554.6 | 565.3 | 578.7 | 599.4 | 621.3 | 641.2 | 662.6 | 691.7 | 728.9 | 776.0 |
| 27.5° | 512.4 | 522.1 | 532.7 | 549.2 | 564.9 | 585.3 | 606.1 | 630.7 | 661.9 | 701.2 | 749.0 |
| 30° | 492.2 | 499.5 | 509.4 | 530.5 | 544.7 | 562.3 | 586.8 | 608.6 | 637.7 | 679.5 | 730.0 |
| 32.5° | 471.3 | 480.8 | 491.6 | 507.8 | 525.3 | 542.0 | 564.4 | 588.1 | 617.8 | 658.9 | 710.7 |
| 35° | 441.6 | 452.7 | 463.8 | 475.7 | 493.3 | 510.6 | 529.3 | 555.4 | 585.6 | 625.5 | 676.4 |
| 37.5° | 414.3 | 423.2 | 432.3 | 447.0 | 463.7 | 480.1 | 497.6 | 523.3 | 551.8 | 594.8 | 641.5 |
| 40° | 396.8 | 404.9 | 411.7 | 427.1 | 443.2 | 460.8 | 478.0 | 500.6 | 531.2 | 571.5 | 616.7 |
| 42.5° | 377.8 | 385.2 | 394.6 | 407.1 | 424.5 | 439.3 | 456.6 | 477.9 | 506.7 | 547.6 | 587.2 |
| 45° | 349.3 | 357.7 | 365.8 | 377.7 | 394.9 | 409.4 | 424.8 | 445.1 | 474.6 | 508.3 | 543.5 |
| 47.5° | 319.7 | 328.1 | 337.3 | 348.8 | 363.8 | 378.6 | 393.9 | 411.9 | 438.8 | 471.9 | 495.6 |
| 50° | 300.7 | 307.6 | 316.8 | 328.2 | 342.0 | 357.7 | 371.5 | 391.1 | 416.7 | 442.8 | 463.5 |
| 52.5° | 281.1 | 287.3 | 297.8 | 309.9 | 322.7 | 336.3 | 351.0 | 367.8 | 391.0 | 415.5 | 431.9 |
| 55° | 250.5 | 258.2 | 267.0 | 278.8 | 291.5 | 303.0 | 317.1 | 334.4 | 352.8 | 371.1 | 382.3 |
| 57.5° | 221.9 | 228.3 | 235.7 | 248.0 | 258.9 | 272.6 | 285.3 | 298.8 | 315.8 | 329.6 | 336.9 |
| 60° | 201.1 | 206.8 | 216.4 | 227.1 | 237.5 | 249.3 | 263.9 | 277.3 | 290.3 | 301.4 | 307.2 |
| 62.5° | 181.5 | 188.1 | 196.5 | 206.3 | 217.6 | 228.8 | 241.5 | 252.8 | 264.3 | 273.9 | 277.8 |
| 65° | 155.9 | 161.3 | 167.4 | 176.6 | 185.8 | 197.3 | 207.2 | 218.7 | 227.1 | 232.5 | 235.9 |
| 67.5° | 132.6 | 136.1 | 140.8 | 146.9 | 156.0 | 166.0 | 175.7 | 184.6 | 191.7 | 195.3 | 198.4 |
| 70° | 117.6 | 119.9 | 123.3 | 129.5 | 136.4 | 145.2 | 155.1 | 161.6 | 167.8 | 170.8 | 173.9 |
| 72.5° | 102.6 | 105.5 | 108.6 | 113.5 | 119.2 | 125.6 | 132.8 | 140.8 | 144.2 | 147.8 | 149.7 |
| 75° | 77.8 | 82.0 | 86.2 | 89.2 | 93.1 | 98.1 | 104.6 | 109.5 | 111.5 | 114.5 | 114.9 |
| 77.5° | 58.7 | 59.6 | 62.7 | 66.5 | 69.7 | 73.3 | 77.4 | 81.9 | 82.8 | 84.4 | 85.4 |
| 80° | 48.3 | 48.3 | 48.3 | 50.6 | 54.4 | 57.1 | 60.9 | 63.2 | 64.7 | 65.1 | 65.5 |
| 82.5° | 38.8 | 38.8 | 38.5 | 38.9 | 40.3 | 41.7 | 45.3 | 47.9 | 49.1 | 48.9 | 48.0 |
| 85° | 25.3 | 24.5 | 24.5 | 24.1 | 24.5 | 23.7 | 23.4 | 24.9 | 27.2 | 27.2 | 26.4 |
| 87.5° | 14.1 | 13.6 | 13.5 | 12.8 | 12.1 | 11.3 | 10.0 | 10.0 | 9.7 | 10.6 | 10.0 |
| 90° | 18.3 | 17.7 | 15.5 | 13.4 | 11.3 | 9.2 | 7.3 | 5.6 | 4.0 | 2.4 | 0.7 |
| 92.5° | 19.9 | 18.8 | 17.2 | 15.6 | 14.0 | 12.4 | 11.9 | 12.3 | 12.8 | 13.2 | 13.7 |
| 95° | 24.0 | 22.8 | 21.0 | 19.2 | 17.4 | 15.6 | 18.1 | 24.8 | 31.5 | 38.2 | 44.9 |
| 97.5° | 25.0 | 23.7 | 35.5 | 47.2 | 59.0 | 70.8 | 78.2 | 81.2 | 84.2 | 87.2 | 90.2 |
| 100° | 25.6 | 24.3 | 49.8 | 75.3 | 100.8 | 126.3 | 137.4 | 134.2 | 130.9 | 127.6 | 124.4 |
| 102.5° | 44.4 | 48.4 | 76.3 | 104.1 | 132.0 | 159.9 | 172.6 | 170.3 | 167.9 | 165.6 | 163.2 |
| 105° | 132.2 | 161.2 | 175.9 | 190.6 | 205.3 | 220.0 | 226.5 | 224.7 | 222.9 | 221.1 | 219.3 |
| 107.5° | 274.1 | 295.4 | 293.1 | 290.7 | 288.4 | 286.1 | 284.2 | 282.8 | 281.3 | 279.9 | 278.4 |
| 110° | 326.5 | 331.9 | 330.1 | 328.3 | 326.5 | 324.7 | 323.1 | 321.8 | 320.5 | 319.2 | 317.9 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 369.1 | 369.0 | 367.2 | 365.4 | 363.6 | 361.8 | 360.3 | 359.1 | 357.9 | 356.7 | 355.6 |
| 115° | 424.0 | 422.4 | 420.9 | 419.4 | 418.0 | 416.5 | 415.3 | 414.3 | 413.3 | 412.3 | 411.3 |
| 117.5° | 475.5 | 474.2 | 473.4 | 472.7 | 471.9 | 471.2 | 470.2 | 469.0 | 467.8 | 466.6 | 465.4 |
| 120° | 509.1 | 507.7 | 507.3 | 506.8 | 506.3 | 505.8 | 504.8 | 503.3 | 501.9 | 500.4 | 498.9 |
| 122.5° | 542.2 | 541.3 | 540.7 | 540.1 | 539.4 | 538.8 | 537.9 | 536.7 | 535.5 | 534.3 | 533.1 |
| 125° | 589.0 | 588.7 | 588.0 | 587.4 | 586.7 | 586.1 | 585.1 | 583.8 | 582.5 | 581.2 | 579.9 |
| 127.5° | 635.1 | 634.6 | 633.8 | 633.0 | 632.3 | 631.5 | 630.4 | 629.1 | 627.8 | 626.5 | 625.2 |
| 130° | 662.9 | 662.3 | 661.6 | 661.0 | 660.3 | 659.7 | 658.7 | 657.4 | 656.1 | 654.8 | 653.4 |
| 132.5° | 689.4 | 688.8 | 688.2 | 687.7 | 687.2 | 686.7 | 685.8 | 684.4 | 683.1 | 681.8 | 680.5 |
| 135° | 729.7 | 729.2 | 728.6 | 727.9 | 727.3 | 726.6 | 725.8 | 724.8 | 723.8 | 722.9 | 721.9 |
| 137.5° | 765.2 | 764.4 | 764.1 | 763.7 | 763.3 | 763.0 | 762.2 | 760.9 | 759.7 | 758.4 | 757.2 |
| 140° | 788.0 | 787.4 | 786.9 | 786.4 | 785.9 | 785.4 | 784.7 | 783.7 | 782.7 | 781.7 | 780.7 |
| 142.5° | 809.7 | 809.2 | 808.7 | 808.2 | 807.7 | 807.2 | 806.5 | 805.5 | 804.5 | 803.5 | 802.5 |
| 145° | 839.9 | 839.6 | 839.3 | 839.0 | 838.6 | 838.3 | 837.6 | 836.4 | 835.3 | 834.1 | 833.0 |
| 147.5° | 866.9 | 866.5 | 866.2 | 865.9 | 865.6 | 865.2 | 864.7 | 863.9 | 863.2 | 862.4 | 861.7 |
| 150° | 883.4 | 883.0 | 882.7 | 882.4 | 882.1 | 881.7 | 881.3 | 880.8 | 880.3 | 879.8 | 879.4 |
| 152.5° | 897.7 | 897.2 | 897.0 | 896.8 | 896.6 | 896.4 | 896.2 | 895.9 | 895.7 | 895.5 | 895.2 |
| 155° | 917.7 | 916.9 | 916.7 | 916.6 | 916.4 | 916.2 | 916.3 | 916.6 | 917.0 | 917.3 | 917.6 |
| 157.5° | 935.1 | 934.1 | 934.3 | 934.4 | 934.6 | 934.8 | 934.9 | 934.9 | 934.9 | 935.0 | 935.0 |
| 160° | 945.1 | 944.1 | 944.3 | 944.4 | 944.6 | 944.8 | 944.9 | 945.1 | 945.3 | 945.4 | 945.6 |
| 162.5° | 954.1 | 952.9 | 953.1 | 953.3 | 953.4 | 953.6 | 953.9 | 954.3 | 954.7 | 955.2 | 955.6 |
| 165° | 966.0 | 964.7 | 964.9 | 965.0 | 965.2 | 965.4 | 965.7 | 966.2 | 966.7 | 967.2 | 967.7 |
| 167.5° | 975.4 | 974.1 | 974.1 | 974.1 | 974.1 | 974.1 | 974.5 | 975.1 | 975.8 | 976.4 | 977.1 |
| 170° | 980.7 | 979.4 | 979.4 | 979.4 | 979.4 | 979.4 | 979.8 | 980.4 | 981.1 | 981.7 | 982.4 |
| 172.5° | 984.3 | 983.0 | 982.8 | 982.7 | 982.6 | 982.4 | 982.8 | 983.6 | 984.3 | 985.1 | 985.9 |
| 175° | 988.7 | 987.5 | 987.4 | 987.2 | 987.0 | 986.9 | 987.2 | 988.0 | 988.8 | 989.6 | 990.5 |
| 177.5° | 990.3 | 989.3 | 989.2 | 989.0 | 988.9 | 988.8 | 989.0 | 989.7 | 990.3 | 991.0 | 991.6 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 |
| 2.5° | 899.6 | 903.0 | 907.3 | 913.7 | 918.6 | 922.9 | 923.8 | 925.1 | 928.1 | 933.3 | 937.3 |
| 5° | 905.5 | 914.3 | 928.4 | 942.2 | 957.2 | 969.4 | 980.9 | 989.0 | 996.6 | 1012.7 | 1025.7 |
| 7.5° | 903.6 | 923.2 | 945.4 | 970.2 | 995.2 | 1019.5 | 1042.0 | 1062.2 | 1082.3 | 1105.7 | 1132.4 |
| 10° | 902.4 | 925.4 | 955.2 | 987.0 | 1021.9 | 1056.0 | 1088.9 | 1114.6 | 1144.5 | 1171.3 | 1205.4 |
| 12.5° | 896.6 | 929.7 | 965.4 | 1006.0 | 1048.9 | 1088.2 | 1131.5 | 1167.0 | 1201.1 | 1239.9 | 1279.5 |
| 15° | 889.0 | 929.2 | 974.4 | 1028.4 | 1093.5 | 1141.0 | 1185.4 | 1247.1 | 1289.2 | 1331.4 | 1388.1 |
| 17.5° | 875.1 | 924.2 | 980.7 | 1050.8 | 1105.2 | 1169.0 | 1235.8 | 1284.6 | 1341.3 | 1400.7 | 1452.0 |
| 20° | 864.1 | 921.2 | 984.4 | 1053.3 | 1122.6 | 1192.0 | 1256.7 | 1314.9 | 1373.5 | 1442.1 | 1484.2 |
| 22.5° | 853.1 | 909.5 | 975.2 | 1048.4 | 1122.9 | 1195.9 | 1269.2 | 1337.6 | 1403.5 | 1472.7 | 1526.5 |
| 25° | 829.6 | 896.6 | 967.9 | 1042.6 | 1116.1 | 1196.5 | 1283.9 | 1360.1 | 1441.7 | 1512.9 | 1563.9 |
| 27.5° | 805.9 | 867.3 | 938.2 | 1014.0 | 1095.7 | 1190.8 | 1293.5 | 1380.2 | 1461.9 | 1512.9 | 1528.9 |
| 30° | 784.4 | 849.5 | 914.6 | 991.6 | 1080.1 | 1186.2 | 1295.4 | 1394.6 | 1461.6 | 1483.8 | 1467.3 |
| 32.5° | 762.7 | 821.7 | 886.2 | 965.0 | 1059.0 | 1174.9 | 1297.8 | 1386.0 | 1426.4 | 1409.4 | 1342.3 |
| 35° | 724.3 | 777.5 | 840.0 | 918.9 | 1026.9 | 1168.6 | 1287.7 | 1347.5 | 1337.5 | 1241.7 | 1115.3 |
| 37.5° | 683.2 | 726.6 | 784.4 | 866.9 | 993.6 | 1143.7 | 1244.2 | 1253.0 | 1166.8 | 1019.8 | 873.8 |
| 40° | 650.7 | 689.8 | 749.2 | 835.4 | 967.9 | 1119.2 | 1200.4 | 1164.8 | 1031.1 | 867.5 | 745.7 |
| 42.5° | 619.2 | 652.1 | 709.3 | 802.3 | 943.4 | 1085.8 | 1135.1 | 1057.5 | 903.3 | 748.6 | 637.9 |
| 45° | 565.7 | 596.7 | 654.2 | 749.6 | 893.2 | 1021.9 | 1015.4 | 880.6 | 726.2 | 601.7 | 509.8 |
| 47.5° | 515.0 | 542.1 | 596.1 | 693.4 | 834.3 | 926.1 | 865.2 | 721.8 | 590.8 | 491.0 | 425.4 |
| 50° | 479.2 | 506.0 | 559.6 | 655.7 | 787.1 | 854.1 | 767.2 | 628.9 | 509.0 | 426.3 | 374.2 |
| 52.5° | 444.8 | 471.0 | 520.1 | 613.7 | 730.1 | 770.2 | 676.8 | 548.6 | 448.7 | 377.3 | 332.5 |
| 55° | 396.8 | 416.7 | 460.8 | 550.4 | 637.3 | 646.5 | 551.9 | 444.7 | 362.3 | 312.5 | 281.9 |
| 57.5° | 347.9 | 365.0 | 408.5 | 479.9 | 540.9 | 536.1 | 446.4 | 353.7 | 298.2 | 261.2 | 239.0 |
| 60° | 316.0 | 332.8 | 371.1 | 432.4 | 478.4 | 462.3 | 380.0 | 305.3 | 257.8 | 230.6 | 213.0 |
| 62.5° | 286.3 | 299.4 | 335.3 | 380.0 | 413.1 | 394.9 | 324.8 | 263.0 | 225.3 | 202.4 | 188.4 |
| 65° | 243.2 | 253.9 | 282.7 | 306.0 | 324.4 | 306.8 | 248.6 | 205.7 | 178.5 | 162.4 | 152.8 |
| 67.5° | 202.3 | 209.1 | 227.3 | 235.7 | 248.7 | 229.4 | 186.9 | 158.2 | 142.7 | 129.2 | 122.5 |
| 70° | 176.6 | 181.6 | 191.1 | 198.0 | 201.5 | 181.6 | 150.1 | 129.1 | 116.1 | 106.5 | 102.3 |
| 72.5° | 150.8 | 155.2 | 157.1 | 162.8 | 161.0 | 142.3 | 120.7 | 104.0 | 94.6 | 88.1 | 82.7 |
| 75° | 115.3 | 117.2 | 115.3 | 113.0 | 108.0 | 95.0 | 80.1 | 71.6 | 64.7 | 61.7 | 59.8 |
| 77.5° | 84.0 | 83.4 | 80.8 | 77.2 | 68.7 | 60.5 | 52.5 | 49.6 | 46.7 | 45.0 | 44.4 |
| 80° | 64.7 | 63.2 | 60.9 | 55.2 | 47.9 | 42.1 | 40.2 | 38.3 | 37.2 | 35.2 | 34.9 |
| 82.5° | 48.2 | 47.3 | 43.4 | 38.6 | 33.5 | 30.8 | 29.2 | 28.5 | 27.3 | 26.4 | 26.3 |
| 85° | 25.7 | 24.5 | 20.3 | 17.6 | 16.9 | 16.1 | 15.7 | 15.7 | 14.2 | 13.8 | 13.8 |
| 87.5° | 8.7 | 7.2 | 7.3 | 6.7 | 7.0 | 6.9 | 7.6 | 7.4 | 7.5 | 8.0 | 7.5 |
| 90° | 2.4 | 4.0 | 5.6 | 7.3 | 9.2 | 11.3 | 13.4 | 15.5 | 17.7 | 18.3 | 19.0 |
| 92.5° | 13.2 | 12.8 | 12.3 | 11.9 | 12.4 | 14.0 | 15.6 | 17.2 | 18.8 | 19.9 | 20.9 |
| 95° | 38.2 | 31.5 | 24.8 | 18.1 | 15.6 | 17.4 | 19.2 | 21.0 | 22.8 | 24.0 | 25.1 |
| 97.5° | 87.2 | 84.2 | 81.2 | 78.2 | 70.8 | 59.0 | 47.2 | 35.5 | 23.7 | 25.0 | 26.3 |
| 100° | 127.6 | 130.9 | 134.2 | 137.4 | 126.3 | 100.8 | 75.3 | 49.8 | 24.3 | 25.6 | 26.9 |
| 102.5° | 165.6 | 167.9 | 170.3 | 172.6 | 159.9 | 132.0 | 104.1 | 76.3 | 48.4 | 44.4 | 40.3 |
| 105° | 221.1 | 222.9 | 224.7 | 226.5 | 220.0 | 205.3 | 190.6 | 175.9 | 161.2 | 132.2 | 103.3 |
| 107.5° | 279.9 | 281.3 | 282.8 | 284.2 | 286.1 | 288.4 | 290.7 | 293.1 | 295.4 | 274.1 | 252.9 |
| 110° | 319.2 | 320.5 | 321.8 | 323.1 | 324.7 | 326.5 | 328.3 | 330.1 | 331.9 | 326.5 | 321.1 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 356.7 | 357.9 | 359.1 | 360.3 | 361.8 | 363.6 | 365.4 | 367.2 | 369.0 | 369.1 | 369.2 |
| 115° | 412.3 | 413.3 | 414.3 | 415.3 | 416.5 | 418.0 | 419.4 | 420.9 | 422.4 | 424.0 | 425.7 |
| 117.5° | 466.6 | 467.8 | 469.0 | 470.2 | 471.2 | 471.9 | 472.7 | 473.4 | 474.2 | 475.5 | 476.8 |
| 120° | 500.4 | 501.9 | 503.3 | 504.8 | 505.8 | 506.3 | 506.8 | 507.3 | 507.7 | 509.1 | 510.4 |
| 122.5° | 534.3 | 535.5 | 536.7 | 537.9 | 538.8 | 539.4 | 540.1 | 540.7 | 541.3 | 542.2 | 543.1 |
| 125° | 581.2 | 582.5 | 583.8 | 585.1 | 586.1 | 586.7 | 587.4 | 588.0 | 588.7 | 589.0 | 589.3 |
| 127.5° | 626.5 | 627.8 | 629.1 | 630.4 | 631.5 | 632.3 | 633.0 | 633.8 | 634.6 | 635.1 | 635.7 |
| 130° | 654.8 | 656.1 | 657.4 | 658.7 | 659.7 | 660.3 | 661.0 | 661.6 | 662.3 | 662.9 | 663.6 |
| 132.5° | 681.8 | 683.1 | 684.4 | 685.8 | 686.7 | 687.2 | 687.7 | 688.2 | 688.8 | 689.4 | 690.1 |
| 135° | 722.9 | 723.8 | 724.8 | 725.8 | 726.6 | 727.3 | 727.9 | 728.6 | 729.2 | 729.7 | 730.2 |
| 137.5° | 758.4 | 759.7 | 760.9 | 762.2 | 763.0 | 763.3 | 763.7 | 764.1 | 764.4 | 765.2 | 766.0 |
| 140° | 781.7 | 782.7 | 783.7 | 784.7 | 785.4 | 785.9 | 786.4 | 786.9 | 787.4 | 788.0 | 788.7 |
| 142.5° | 803.5 | 804.5 | 805.5 | 806.5 | 807.2 | 807.7 | 808.2 | 808.7 | 809.2 | 809.7 | 810.2 |
| 145° | 834.1 | 835.3 | 836.4 | 837.6 | 838.3 | 838.6 | 839.0 | 839.3 | 839.6 | 839.9 | 840.3 |
| 147.5° | 862.4 | 863.2 | 863.9 | 864.7 | 865.2 | 865.6 | 865.9 | 866.2 | 866.5 | 866.9 | 867.2 |
| 150° | 879.8 | 880.3 | 880.8 | 881.3 | 881.7 | 882.1 | 882.4 | 882.7 | 883.0 | 883.4 | 883.7 |
| 152.5° | 895.5 | 895.7 | 895.9 | 896.2 | 896.4 | 896.6 | 896.8 | 897.0 | 897.2 | 897.7 | 898.3 |
| 155° | 917.3 | 917.0 | 916.6 | 916.3 | 916.2 | 916.4 | 916.6 | 916.7 | 916.9 | 917.7 | 918.5 |
| 157.5° | 935.0 | 934.9 | 934.9 | 934.9 | 934.8 | 934.6 | 934.4 | 934.3 | 934.1 | 935.1 | 936.1 |
| 160° | 945.4 | 945.3 | 945.1 | 944.9 | 944.8 | 944.6 | 944.4 | 944.3 | 944.1 | 945.1 | 946.1 |
| 162.5° | 955.2 | 954.7 | 954.3 | 953.9 | 953.6 | 953.4 | 953.3 | 953.1 | 952.9 | 954.1 | 955.2 |
| 165° | 967.2 | 966.7 | 966.2 | 965.7 | 965.4 | 965.2 | 965.0 | 964.9 | 964.7 | 966.0 | 967.3 |
| 167.5° | 976.4 | 975.8 | 975.1 | 974.5 | 974.1 | 974.1 | 974.1 | 974.1 | 974.1 | 975.4 | 976.7 |
| 170° | 981.7 | 981.1 | 980.4 | 979.8 | 979.4 | 979.4 | 979.4 | 979.4 | 979.4 | 980.7 | 982.0 |
| 172.5° | 985.1 | 984.3 | 983.6 | 982.8 | 982.4 | 982.6 | 982.7 | 982.8 | 983.0 | 984.3 | 985.6 |
| 175° | 989.6 | 988.8 | 988.0 | 987.2 | 986.9 | 987.0 | 987.2 | 987.4 | 987.5 | 988.7 | 989.8 |
| 177.5° | 991.0 | 990.3 | 989.7 | 989.0 | 988.8 | 988.9 | 989.0 | 989.2 | 989.3 | 990.3 | 991.4 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 | 894.7 |
| 2.5° | 943.8 | 943.8 | 945.0 | 949.6 | 950.2 | 954.2 | 952.9 |
| 5° | 1037.2 | 1044.5 | 1047.2 | 1058.7 | 1065.6 | 1068.6 | 1062.5 |
| 7.5° | 1151.5 | 1172.0 | 1181.8 | 1193.8 | 1204.4 | 1207.7 | 1199.3 |
| 10° | 1234.9 | 1256.3 | 1274.3 | 1285.4 | 1295.8 | 1302.6 | 1311.5 |
| 12.5° | 1315.4 | 1341.8 | 1358.9 | 1374.6 | 1385.2 | 1394.0 | 1395.4 |
| 15° | 1403.0 | 1442.8 | 1473.1 | 1495.3 | 1506.4 | 1512.2 | 1509.9 |
| 17.5° | 1491.3 | 1528.2 | 1549.8 | 1572.4 | 1587.8 | 1588.6 | 1589.1 |
| 20° | 1541.3 | 1577.3 | 1602.2 | 1619.0 | 1636.3 | 1635.5 | 1639.3 |
| 22.5° | 1574.7 | 1603.0 | 1622.1 | 1634.3 | 1640.2 | 1637.3 | 1638.1 |
| 25° | 1590.3 | 1598.7 | 1595.3 | 1575.7 | 1570.8 | 1552.8 | 1555.8 |
| 27.5° | 1509.7 | 1469.9 | 1428.7 | 1375.6 | 1333.8 | 1300.4 | 1302.1 |
| 30° | 1400.3 | 1329.8 | 1249.4 | 1182.0 | 1121.5 | 1104.6 | 1068.6 |
| 32.5° | 1247.4 | 1141.7 | 1047.5 | 984.7 | 932.7 | 918.6 | 887.2 |
| 35° | 988.2 | 885.5 | 788.6 | 730.4 | 707.4 | 675.3 | 674.9 |
| 37.5° | 768.1 | 677.7 | 626.5 | 582.8 | 559.9 | 540.4 | 538.5 |
| 40° | 646.2 | 575.7 | 537.0 | 505.6 | 483.0 | 468.4 | 465.0 |
| 42.5° | 561.0 | 504.0 | 467.7 | 448.3 | 430.9 | 423.4 | 417.8 |
| 45° | 458.1 | 419.8 | 394.5 | 376.9 | 368.8 | 363.1 | 360.0 |
| 47.5° | 383.2 | 357.5 | 340.3 | 328.6 | 322.0 | 316.0 | 317.6 |
| 50° | 342.4 | 321.4 | 308.7 | 297.6 | 292.6 | 288.4 | 288.8 |
| 52.5° | 309.6 | 290.7 | 280.5 | 272.5 | 266.3 | 263.3 | 261.8 |
| 55° | 262.8 | 250.9 | 240.5 | 234.8 | 231.3 | 227.1 | 226.0 |
| 57.5° | 224.1 | 214.9 | 206.5 | 200.0 | 199.2 | 195.1 | 195.6 |
| 60° | 198.4 | 190.7 | 183.8 | 180.4 | 177.7 | 174.3 | 175.4 |
| 62.5° | 177.3 | 170.8 | 164.5 | 161.7 | 159.0 | 156.5 | 157.0 |
| 65° | 145.2 | 139.0 | 135.2 | 133.7 | 132.5 | 131.4 | 130.2 |
| 67.5° | 115.7 | 111.9 | 109.5 | 106.2 | 103.9 | 103.5 | 102.3 |
| 70° | 97.3 | 92.3 | 88.1 | 83.9 | 82.7 | 82.3 | 82.7 |
| 72.5° | 78.0 | 74.8 | 73.7 | 71.6 | 71.4 | 70.4 | 71.1 |
| 75° | 58.6 | 57.5 | 56.7 | 55.2 | 55.2 | 55.2 | 55.2 |
| 77.5° | 43.2 | 42.5 | 42.1 | 41.7 | 41.4 | 40.8 | 40.8 |
| 80° | 33.7 | 33.3 | 32.6 | 32.6 | 32.2 | 32.6 | 32.2 |
| 82.5° | 25.4 | 25.4 | 24.6 | 24.6 | 24.2 | 24.0 | 24.2 |
| 85° | 13.0 | 12.6 | 13.4 | 12.6 | 13.0 | 12.3 | 13.0 |
| 87.5° | 7.6 | 7.7 | 7.5 | 7.6 | 7.3 | 8.0 | 7.5 |
| 90° | 19.6 | 20.3 | 20.8 | 21.1 | 21.4 | 21.7 | 22.1 |
| 92.5° | 22.0 | 23.0 | 23.6 | 23.8 | 24.0 | 24.2 | 24.4 |
| 95° | 26.2 | 27.4 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| 97.5° | 27.6 | 28.9 | 29.7 | 29.8 | 30.0 | 30.2 | 30.3 |
| 100° | 28.2 | 29.5 | 30.3 | 30.4 | 30.6 | 30.7 | 30.9 |
| 102.5° | 36.3 | 32.2 | 30.3 | 30.6 | 30.9 | 31.2 | 31.5 |
| 105° | 74.3 | 45.4 | 31.1 | 31.4 | 31.7 | 32.1 | 32.4 |
| 107.5° | 231.7 | 210.5 | 189.0 | 167.1 | 145.3 | 123.5 | 101.7 |
| 110° | 315.7 | 310.3 | 295.9 | 272.5 | 249.1 | 225.7 | 202.4 |



TEST NUMBER: P332414

CATALOG NUMBER: S123RDIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 369.3 | 369.4 | 366.9 | 362.0 | 357.1 | 352.1 | 347.2 |
| 115° | 427.3 | 428.9 | 430.1 | 430.7 | 431.4 | 432.0 | 432.7 |
| 117.5° | 478.1 | 479.4 | 480.1 | 480.3 | 480.4 | 480.5 | 480.7 |
| 120° | 511.7 | 513.0 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 |
| 122.5° | 544.0 | 545.0 | 545.5 | 545.6 | 545.7 | 545.9 | 546.0 |
| 125° | 589.7 | 590.0 | 590.3 | 590.7 | 591.0 | 591.3 | 591.6 |
| 127.5° | 636.2 | 636.7 | 636.8 | 636.5 | 636.1 | 635.8 | 635.5 |
| 130° | 664.2 | 664.9 | 665.1 | 664.7 | 664.4 | 664.1 | 663.7 |
| 132.5° | 690.7 | 691.4 | 691.5 | 691.0 | 690.6 | 690.1 | 689.6 |
| 135° | 730.7 | 731.2 | 731.2 | 730.7 | 730.2 | 729.7 | 729.2 |
| 137.5° | 766.8 | 767.6 | 767.8 | 767.5 | 767.1 | 766.8 | 766.5 |
| 140° | 789.3 | 790.0 | 790.2 | 789.8 | 789.5 | 789.2 | 788.8 |
| 142.5° | 810.7 | 811.2 | 811.3 | 810.8 | 810.4 | 809.9 | 809.4 |
| 145° | 840.6 | 840.9 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 |
| 147.5° | 867.5 | 867.9 | 867.6 | 866.9 | 866.1 | 865.4 | 864.6 |
| 150° | 884.0 | 884.3 | 884.3 | 883.8 | 883.3 | 882.8 | 882.3 |
| 152.5° | 898.9 | 899.5 | 899.4 | 898.7 | 897.9 | 897.2 | 896.4 |
| 155° | 919.3 | 920.2 | 920.1 | 919.1 | 918.1 | 917.1 | 916.1 |
| 157.5° | 937.0 | 938.0 | 937.9 | 936.6 | 935.3 | 934.1 | 932.8 |
| 160° | 947.1 | 948.0 | 948.0 | 946.8 | 945.7 | 944.5 | 943.4 |
| 162.5° | 956.3 | 957.4 | 957.4 | 956.4 | 955.4 | 954.4 | 953.4 |
| 165° | 968.6 | 969.9 | 970.0 | 968.9 | 967.7 | 966.6 | 965.4 |
| 167.5° | 978.1 | 979.4 | 979.4 | 978.1 | 976.7 | 975.4 | 974.1 |
| 170° | 983.4 | 984.7 | 984.7 | 983.4 | 982.0 | 980.7 | 979.4 |
| 172.5° | 986.9 | 988.2 | 988.1 | 986.7 | 985.3 | 983.8 | 982.4 |
| 175° | 991.0 | 992.1 | 992.0 | 990.7 | 989.4 | 988.1 | 986.8 |
| 177.5° | 992.4 | 993.5 | 993.3 | 992.0 | 990.7 | 989.4 | 988.1 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |

(END OF REPORT)