

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: P332907-830

Luminaire Tested: **SA4XXRDIP-C575D810U830-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332907-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 810 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

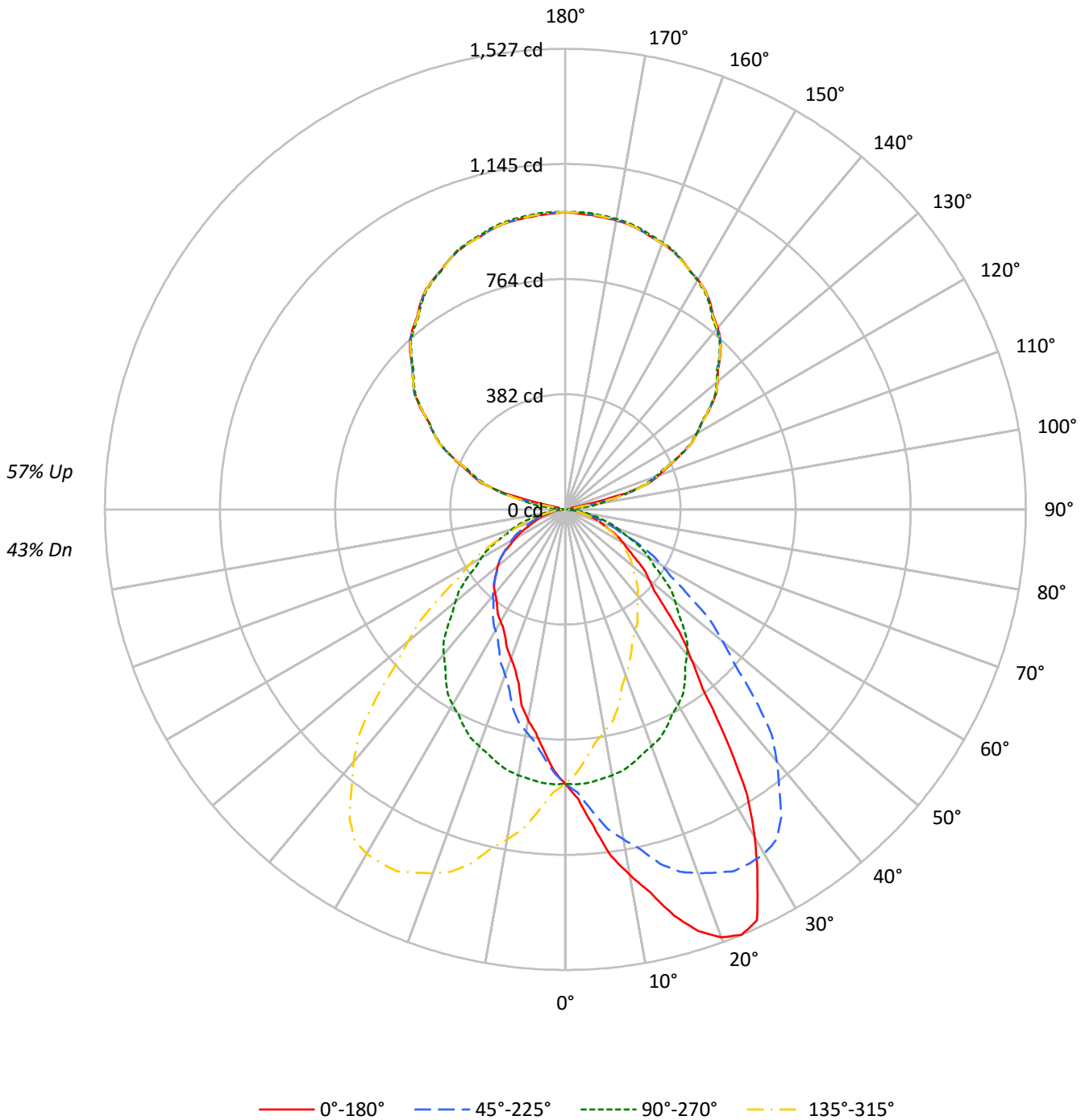
Lumens per Lamp: N/A
Luminaire Lumens: 5351.5 lumens
Efficiency: N/A
Efficacy: 139.4 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 38.4
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: P332907-830
CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 64 | 64 | 64 | 50 | 50 | 50 | 43 | | | | 43 |
| 1 | 97 | 93 | 89 | 85 | 88 | 85 | 82 | 79 | 70 | 68 | 66 | 57 | 55 | 54 | 45 | 44 | 43 | | | | 37 | |
| 2 | 88 | 81 | 75 | 70 | 81 | 75 | 69 | 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 | 50 | 67 | 59 | 52 | 47 | 49 | 44 | 40 | 40 | 37 | 34 | 32 | 29 | 27 | | | | 24 | |
| 5 | 68 | 57 | 49 | 43 | 62 | 52 | 45 | 40 | 44 | 39 | 35 | 36 | 32 | 29 | 29 | 26 | 24 | | | | 21 | |
| 6 | 63 | 51 | 43 | 38 | 57 | 47 | 40 | 35 | 40 | 34 | 30 | 33 | 29 | 26 | 26 | 24 | 21 | | | | 18 | |
| 7 | 58 | 46 | 38 | 33 | 53 | 43 | 36 | 31 | 36 | 31 | 27 | 30 | 26 | 23 | 24 | 21 | 19 | | | | 16 | |
| 8 | 54 | 42 | 34 | 29 | 49 | 39 | 32 | 27 | 33 | 28 | 24 | 27 | 23 | 21 | 22 | 19 | 17 | | | | 15 | |
| 9 | 50 | 38 | 31 | 26 | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 18 | 16 | | | | 13 | |
| 10 | 47 | 35 | 28 | 23 | 43 | 33 | 26 | 22 | 28 | 23 | 19 | 23 | 19 | 17 | 19 | 16 | 14 | | | | 12 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7348 | 7348 | 7348 | 7348 |
| 5° | 8524 | 7370 | 6515 | 7370 |
| 10° | 10083 | 7338 | 5814 | 7338 |
| 15° | 11646 | 7270 | 4996 | 7270 |
| 20° | 12968 | 7177 | 4517 | 7177 |
| 25° | 13387 | 7085 | 4195 | 7085 |
| 30° | 11719 | 6974 | 3999 | 6974 |
| 35° | 9122 | 6809 | 3882 | 6809 |
| 40° | 6841 | 6620 | 3818 | 6620 |
| 45° | 5401 | 6318 | 3785 | 6318 |
| 50° | 4560 | 5968 | 3676 | 5968 |
| 55° | 3975 | 5585 | 3478 | 5585 |
| 60° | 3576 | 5186 | 3079 | 5186 |
| 65° | 3152 | 4756 | 2648 | 4756 |
| 70° | 2840 | 4312 | 2389 | 4312 |
| 75° | 2380 | 3821 | 2037 | 3821 |
| 80° | 2013 | 3254 | 1911 | 3254 |
| 85° | 1704 | 2547 | 1704 | 2547 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 88.2 | 1.6 |
| 10°-20° | 266.0 | 5.0 |
| 20°-30° | 416.1 | 7.8 |
| 30°-40° | 462.6 | 8.6 |
| 40°-50° | 410.4 | 7.7 |
| 50°-60° | 319.8 | 6.0 |
| 60°-70° | 209.4 | 3.9 |
| 70°-80° | 103.0 | 1.9 |
| 80°-90° | 28.2 | 0.5 |
| 90°-100° | 33.7 | 0.6 |
| 100°-110° | 214.9 | 4.0 |
| 110°-120° | 411.0 | 7.7 |
| 120°-130° | 521.8 | 9.8 |
| 130°-140° | 558.3 | 10.4 |
| 140°-150° | 522.1 | 9.8 |
| 150°-160° | 421.0 | 7.9 |
| 160°-170° | 271.5 | 5.1 |
| 170°-180° | 93.6 | 1.7 |
| 0°-30° | 770.3 | 14.4 |
| 0°-40° | 1232.9 | 23.0 |
| 0°-60° | 1963.1 | 36.7 |
| 0°-90° | 2303.7 | 43.0 |
| 90°-120° | 659.6 | 12.3 |
| 90°-150° | 2261.8 | 42.3 |
| 90°-180° | 3048.0 | 57.0 |
| 0°-180° | 5351.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 910 | 910 | 910 | 910 | 910 | |
| 5° | 1052 | 910 | 804 | 910 | 1052 | 106 |
| 15° | 1394 | 870 | 598 | 870 | 1394 | 396 |
| 25° | 1503 | 795 | 471 | 795 | 1503 | 667 |
| 35° | 926 | 691 | 394 | 691 | 926 | 580 |
| 45° | 473 | 553 | 332 | 553 | 473 | 375 |
| 55° | 282 | 397 | 247 | 397 | 282 | 257 |
| 65° | 165 | 249 | 139 | 249 | 165 | 166 |
| 75° | 76 | 122 | 65 | 122 | 76 | 84 |
| 85° | 18 | 28 | 18 | 28 | 18 | 21 |
| 90° | 22 | 2 | 22 | 2 | 22 | 10 |
| 95° | 21 | 40 | 21 | 40 | 21 | 17 |
| 105° | 210 | 222 | 210 | 222 | 210 | 183 |
| 115° | 417 | 414 | 417 | 414 | 417 | 413 |
| 125° | 587 | 582 | 587 | 582 | 587 | 522 |
| 135° | 727 | 722 | 727 | 722 | 727 | 560 |
| 145° | 837 | 833 | 837 | 833 | 837 | 523 |
| 155° | 912 | 913 | 912 | 913 | 912 | 421 |
| 165° | 959 | 963 | 959 | 963 | 959 | 271 |
| 175° | 979 | 985 | 979 | 985 | 979 | 93 |
| 180° | 985 | 985 | 985 | 985 | 985 | |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 960.1 | 962.7 | 960.1 | 959.8 | 956.9 | 956.0 | 954.8 | 951.0 | 944.0 | 939.8 | 940.8 |
| 5° | 1051.8 | 1060.9 | 1055.8 | 1055.1 | 1047.0 | 1039.0 | 1033.8 | 1022.1 | 1009.6 | 1001.2 | 994.2 |
| 7.5° | 1157.8 | 1163.1 | 1159.9 | 1154.7 | 1141.7 | 1134.3 | 1122.4 | 1106.9 | 1084.6 | 1067.4 | 1051.9 |
| 10° | 1230.0 | 1234.4 | 1232.9 | 1223.4 | 1213.9 | 1194.4 | 1183.5 | 1161.8 | 1133.5 | 1111.2 | 1090.2 |
| 12.5° | 1301.0 | 1305.7 | 1292.8 | 1293.3 | 1275.2 | 1259.8 | 1242.4 | 1215.2 | 1182.5 | 1153.7 | 1127.6 |
| 15° | 1393.5 | 1387.7 | 1387.7 | 1380.4 | 1360.2 | 1338.9 | 1321.0 | 1292.3 | 1251.2 | 1216.8 | 1180.5 |
| 17.5° | 1466.0 | 1468.1 | 1465.1 | 1447.7 | 1431.9 | 1409.9 | 1377.0 | 1343.6 | 1305.4 | 1259.1 | 1222.1 |
| 20° | 1509.5 | 1509.5 | 1506.2 | 1494.4 | 1473.9 | 1450.4 | 1414.9 | 1378.6 | 1330.1 | 1283.6 | 1241.7 |
| 22.5° | 1527.0 | 1528.2 | 1524.4 | 1514.7 | 1496.2 | 1473.3 | 1443.0 | 1406.1 | 1356.2 | 1303.8 | 1252.0 |
| 25° | 1502.9 | 1509.8 | 1510.5 | 1508.0 | 1502.5 | 1488.6 | 1462.5 | 1424.7 | 1380.0 | 1323.1 | 1267.4 |
| 27.5° | 1379.8 | 1388.6 | 1396.3 | 1408.9 | 1425.8 | 1434.6 | 1435.8 | 1416.5 | 1377.5 | 1322.9 | 1266.8 |
| 30° | 1257.2 | 1264.4 | 1288.3 | 1319.5 | 1343.7 | 1365.6 | 1384.8 | 1389.9 | 1367.9 | 1318.7 | 1259.7 |
| 32.5° | 1121.0 | 1131.0 | 1154.8 | 1188.4 | 1228.7 | 1265.9 | 1308.8 | 1330.6 | 1330.0 | 1300.5 | 1245.9 |
| 35° | 925.6 | 932.9 | 955.0 | 990.1 | 1038.6 | 1093.9 | 1161.8 | 1214.6 | 1250.6 | 1247.9 | 1214.6 |
| 37.5° | 746.5 | 754.8 | 777.0 | 806.3 | 853.2 | 921.7 | 987.4 | 1060.2 | 1126.6 | 1163.9 | 1152.7 |
| 40° | 649.1 | 649.5 | 671.1 | 701.2 | 745.2 | 804.9 | 876.5 | 957.2 | 1031.2 | 1091.7 | 1103.4 |
| 42.5° | 572.2 | 572.3 | 586.6 | 619.1 | 650.7 | 707.0 | 775.2 | 855.4 | 942.1 | 1011.9 | 1043.0 |
| 45° | 473.1 | 476.4 | 488.1 | 507.6 | 532.4 | 580.1 | 634.8 | 709.3 | 806.4 | 889.3 | 941.0 |
| 47.5° | 400.6 | 405.5 | 412.9 | 428.8 | 448.7 | 480.4 | 525.6 | 592.5 | 671.6 | 762.7 | 836.3 |
| 50° | 363.1 | 363.8 | 373.3 | 382.1 | 399.4 | 424.7 | 464.3 | 520.0 | 592.7 | 680.2 | 762.0 |
| 52.5° | 330.8 | 330.6 | 336.4 | 347.5 | 361.6 | 381.3 | 413.2 | 464.0 | 528.4 | 606.9 | 691.4 |
| 55° | 282.4 | 284.2 | 288.6 | 297.4 | 308.0 | 322.0 | 347.3 | 385.4 | 436.0 | 503.1 | 579.8 |
| 57.5° | 245.5 | 246.5 | 250.0 | 253.7 | 263.4 | 273.6 | 292.6 | 319.1 | 361.7 | 416.7 | 488.1 |
| 60° | 221.5 | 221.9 | 223.0 | 228.5 | 236.2 | 245.7 | 258.5 | 280.9 | 316.9 | 367.1 | 423.6 |
| 62.5° | 198.0 | 198.7 | 200.4 | 204.4 | 210.4 | 217.0 | 230.4 | 248.4 | 278.1 | 321.0 | 371.9 |
| 65° | 165.0 | 165.4 | 168.0 | 169.5 | 174.2 | 180.0 | 189.9 | 202.1 | 222.6 | 258.5 | 297.1 |
| 67.5° | 137.9 | 137.9 | 138.0 | 140.1 | 143.4 | 147.2 | 153.2 | 162.9 | 178.3 | 200.4 | 234.3 |
| 70° | 120.3 | 120.3 | 121.0 | 122.2 | 123.9 | 127.2 | 130.5 | 137.9 | 149.3 | 167.2 | 193.2 |
| 72.5° | 103.9 | 104.2 | 104.9 | 105.1 | 106.0 | 108.8 | 111.2 | 115.8 | 124.3 | 137.9 | 158.9 |
| 75° | 76.3 | 77.4 | 79.2 | 80.7 | 82.5 | 82.2 | 84.7 | 87.7 | 90.2 | 98.3 | 110.4 |
| 77.5° | 56.7 | 56.2 | 56.4 | 57.7 | 57.9 | 58.2 | 60.0 | 62.3 | 64.3 | 68.1 | 72.4 |
| 80° | 43.3 | 43.3 | 44.4 | 44.8 | 44.4 | 44.8 | 46.6 | 47.7 | 48.4 | 49.9 | 53.9 |
| 82.5° | 32.7 | 33.3 | 32.9 | 33.3 | 33.6 | 33.9 | 35.4 | 35.6 | 36.4 | 36.9 | 38.6 |
| 85° | 18.4 | 18.7 | 19.0 | 18.4 | 18.4 | 18.4 | 19.0 | 19.4 | 20.2 | 19.8 | 20.5 |
| 87.5° | 10.8 | 10.6 | 10.7 | 10.7 | 10.9 | 10.5 | 10.6 | 10.9 | 10.2 | 10.3 | 10.0 |
| 90° | 22.1 | 21.8 | 21.5 | 21.1 | 20.8 | 20.2 | 19.1 | 18.2 | 17.2 | 16.2 | 14.9 |
| 92.5° | 20.4 | 20.3 | 20.2 | 20.2 | 20.1 | 19.5 | 18.6 | 17.6 | 16.6 | 15.6 | 14.3 |
| 95° | 21.4 | 21.2 | 21.0 | 20.9 | 20.7 | 20.2 | 19.1 | 18.2 | 17.2 | 16.2 | 16.0 |
| 97.5° | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 19.9 | 19.8 | 19.7 | 19.5 | 19.4 | 37.7 |
| 100° | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 21.3 | 24.0 | 26.9 | 29.6 | 32.4 | 55.0 |
| 102.5° | 21.2 | 21.2 | 21.1 | 21.1 | 21.1 | 36.1 | 66.2 | 96.1 | 126.2 | 156.3 | 159.2 |
| 105° | 210.0 | 215.9 | 221.8 | 227.7 | 233.7 | 235.8 | 234.3 | 232.9 | 231.4 | 229.9 | 229.1 |
| 107.5° | 292.8 | 292.1 | 291.4 | 290.9 | 290.2 | 289.5 | 288.8 | 288.1 | 287.4 | 286.7 | 285.6 |
| 110° | 328.7 | 328.2 | 327.7 | 327.3 | 326.7 | 326.3 | 326.0 | 325.6 | 325.4 | 325.0 | 324.0 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 364.7 | 364.0 | 363.4 | 362.8 | 362.1 | 361.8 | 361.9 | 362.0 | 362.1 | 362.1 | 361.7 |
| 115° | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.0 | 416.6 | 416.3 | 415.9 | 415.7 | 415.8 |
| 117.5° | 470.5 | 470.5 | 470.6 | 470.7 | 470.7 | 470.8 | 470.9 | 470.9 | 471.0 | 471.1 | 470.7 |
| 120° | 504.1 | 504.4 | 504.7 | 505.1 | 505.4 | 505.4 | 505.1 | 504.7 | 504.4 | 504.1 | 504.3 |
| 122.5° | 537.1 | 537.4 | 537.7 | 538.1 | 538.4 | 538.5 | 538.3 | 538.1 | 537.9 | 537.7 | 537.4 |
| 125° | 586.6 | 586.4 | 586.3 | 586.2 | 586.0 | 585.6 | 585.1 | 584.7 | 584.2 | 583.7 | 584.0 |
| 127.5° | 630.1 | 630.3 | 630.4 | 630.5 | 630.7 | 630.7 | 630.8 | 630.9 | 631.0 | 631.1 | 630.4 |
| 130° | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.5 | 659.3 | 659.2 | 659.0 | 658.8 | 658.4 |
| 132.5° | 686.7 | 686.8 | 686.9 | 687.1 | 687.2 | 687.2 | 687.0 | 686.9 | 686.7 | 686.5 | 685.9 |
| 135° | 727.4 | 727.1 | 726.7 | 726.4 | 726.0 | 725.8 | 725.4 | 725.1 | 724.7 | 724.4 | 723.8 |
| 137.5° | 762.1 | 762.2 | 762.3 | 762.4 | 762.5 | 762.4 | 762.0 | 761.7 | 761.4 | 761.0 | 760.3 |
| 140° | 786.4 | 786.2 | 786.0 | 785.9 | 785.7 | 785.3 | 784.9 | 784.4 | 783.9 | 783.3 | 783.1 |
| 142.5° | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.1 | 805.7 | 805.3 | 805.0 | 804.6 | 804.5 |
| 145° | 837.2 | 836.9 | 836.5 | 836.2 | 835.8 | 835.7 | 835.5 | 835.3 | 835.2 | 835.0 | 835.0 |
| 147.5° | 862.7 | 862.5 | 862.3 | 862.2 | 862.0 | 861.9 | 861.8 | 861.7 | 861.5 | 861.4 | 861.5 |
| 150° | 879.2 | 879.0 | 878.8 | 878.7 | 878.5 | 878.4 | 878.4 | 878.4 | 878.4 | 878.4 | 878.6 |
| 152.5° | 893.3 | 893.4 | 893.5 | 893.6 | 893.7 | 893.6 | 893.4 | 893.2 | 892.9 | 892.6 | 892.9 |
| 155° | 912.4 | 912.9 | 913.3 | 913.8 | 914.4 | 914.3 | 913.6 | 912.9 | 912.3 | 911.6 | 912.1 |
| 157.5° | 928.3 | 929.2 | 930.0 | 930.9 | 931.7 | 931.7 | 930.9 | 930.0 | 929.2 | 928.3 | 928.9 |
| 160° | 938.9 | 939.9 | 940.8 | 941.9 | 942.8 | 942.8 | 941.9 | 940.8 | 939.9 | 938.9 | 939.1 |
| 162.5° | 947.2 | 948.3 | 949.3 | 950.5 | 951.6 | 951.7 | 950.6 | 949.7 | 948.8 | 947.7 | 947.9 |
| 165° | 958.8 | 960.3 | 961.8 | 963.2 | 964.7 | 964.8 | 963.5 | 962.1 | 960.8 | 959.5 | 959.5 |
| 167.5° | 967.5 | 969.1 | 970.7 | 972.4 | 974.0 | 974.1 | 972.7 | 971.3 | 969.8 | 968.4 | 968.5 |
| 170° | 972.8 | 974.4 | 976.1 | 977.7 | 979.3 | 979.5 | 978.2 | 976.9 | 975.5 | 974.3 | 974.1 |
| 172.5° | 975.7 | 977.5 | 979.3 | 981.1 | 982.8 | 983.1 | 981.8 | 980.4 | 979.1 | 977.8 | 977.6 |
| 175° | 979.4 | 981.4 | 983.4 | 985.3 | 987.3 | 987.5 | 986.1 | 984.6 | 983.1 | 981.7 | 981.5 |
| 177.5° | 981.8 | 983.4 | 985.0 | 986.5 | 988.1 | 988.4 | 987.3 | 986.3 | 985.1 | 984.1 | 983.9 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 937.8 | 933.7 | 931.6 | 926.9 | 921.3 | 918.4 | 915.8 | 912.0 | 907.0 | 901.7 | 897.9 |
| 5° | 985.4 | 976.6 | 965.5 | 952.3 | 940.7 | 929.3 | 919.4 | 909.5 | 898.1 | 886.4 | 874.7 |
| 7.5° | 1034.3 | 1016.9 | 998.2 | 976.6 | 955.5 | 936.4 | 918.8 | 901.9 | 882.9 | 865.7 | 850.2 |
| 10° | 1068.3 | 1044.8 | 1018.8 | 991.3 | 963.7 | 939.9 | 916.4 | 895.1 | 871.7 | 850.8 | 833.2 |
| 12.5° | 1095.9 | 1068.3 | 1037.0 | 1002.7 | 969.6 | 940.8 | 913.8 | 886.1 | 859.4 | 836.7 | 813.2 |
| 15° | 1141.6 | 1103.8 | 1061.7 | 1020.6 | 977.7 | 938.5 | 902.1 | 869.9 | 839.4 | 807.6 | 785.1 |
| 17.5° | 1173.1 | 1128.2 | 1077.0 | 1027.7 | 976.9 | 930.7 | 888.8 | 850.4 | 815.2 | 782.7 | 756.0 |
| 20° | 1191.8 | 1142.4 | 1085.5 | 1029.4 | 972.5 | 923.0 | 878.0 | 835.4 | 799.1 | 763.9 | 736.4 |
| 22.5° | 1202.4 | 1147.6 | 1085.5 | 1026.7 | 967.9 | 914.3 | 864.8 | 820.5 | 780.9 | 745.7 | 715.3 |
| 25° | 1205.8 | 1147.1 | 1083.6 | 1016.2 | 951.7 | 894.8 | 843.5 | 795.4 | 751.4 | 716.2 | 683.9 |
| 27.5° | 1201.1 | 1132.0 | 1067.1 | 997.8 | 931.2 | 871.3 | 817.4 | 766.9 | 722.8 | 685.0 | 652.0 |
| 30° | 1194.0 | 1120.0 | 1050.3 | 978.5 | 911.0 | 853.4 | 796.5 | 748.1 | 702.3 | 663.1 | 629.7 |
| 32.5° | 1178.8 | 1105.3 | 1030.4 | 956.7 | 888.3 | 829.1 | 775.1 | 726.4 | 681.5 | 641.3 | 605.9 |
| 35° | 1148.6 | 1074.1 | 992.7 | 917.2 | 850.1 | 788.4 | 737.8 | 690.9 | 648.0 | 605.1 | 567.7 |
| 37.5° | 1108.7 | 1032.7 | 951.7 | 869.0 | 801.8 | 743.7 | 697.2 | 653.2 | 611.2 | 572.1 | 530.7 |
| 40° | 1071.2 | 1001.9 | 918.3 | 836.1 | 767.2 | 711.1 | 668.2 | 628.2 | 586.1 | 547.1 | 505.7 |
| 42.5° | 1025.8 | 966.7 | 882.2 | 799.7 | 731.7 | 677.6 | 637.6 | 598.6 | 560.2 | 522.5 | 479.3 |
| 45° | 949.8 | 905.1 | 825.9 | 746.7 | 678.1 | 624.5 | 587.9 | 553.4 | 519.6 | 483.7 | 443.0 |
| 47.5° | 862.8 | 832.5 | 764.2 | 683.1 | 619.6 | 571.5 | 536.0 | 507.8 | 479.3 | 443.4 | 407.6 |
| 50° | 802.4 | 783.0 | 717.0 | 642.9 | 582.4 | 538.0 | 501.7 | 475.2 | 451.5 | 417.0 | 385.0 |
| 52.5° | 737.8 | 727.5 | 671.8 | 600.9 | 542.4 | 499.0 | 468.0 | 444.2 | 420.1 | 391.4 | 361.6 |
| 55° | 639.6 | 645.1 | 597.8 | 536.5 | 481.5 | 444.9 | 416.6 | 396.8 | 376.3 | 352.0 | 328.9 |
| 57.5° | 539.0 | 559.2 | 527.4 | 473.6 | 422.1 | 388.2 | 366.9 | 350.2 | 333.1 | 312.9 | 293.2 |
| 60° | 478.9 | 495.8 | 477.9 | 430.6 | 385.4 | 353.9 | 334.1 | 321.2 | 304.0 | 285.7 | 270.6 |
| 62.5° | 420.3 | 438.3 | 427.6 | 389.5 | 347.6 | 320.5 | 303.0 | 291.1 | 278.2 | 262.2 | 246.6 |
| 65° | 346.6 | 358.3 | 353.2 | 326.8 | 297.1 | 273.9 | 257.8 | 249.0 | 237.2 | 225.6 | 211.6 |
| 67.5° | 265.4 | 288.1 | 285.1 | 271.1 | 245.4 | 227.3 | 216.8 | 209.1 | 198.3 | 189.6 | 180.1 |
| 70° | 218.2 | 239.1 | 238.7 | 227.3 | 213.4 | 196.5 | 189.3 | 182.7 | 173.1 | 164.7 | 156.9 |
| 72.5° | 178.6 | 197.7 | 200.6 | 191.9 | 182.4 | 169.6 | 162.5 | 158.0 | 148.7 | 143.0 | 136.7 |
| 75° | 125.1 | 139.0 | 142.7 | 142.7 | 138.3 | 131.7 | 125.5 | 122.5 | 115.8 | 110.7 | 107.1 |
| 77.5° | 82.0 | 90.8 | 96.5 | 97.8 | 98.5 | 96.3 | 91.1 | 89.1 | 84.1 | 82.2 | 78.7 |
| 80° | 58.0 | 63.8 | 70.4 | 72.6 | 74.5 | 73.7 | 71.5 | 70.0 | 65.3 | 63.4 | 62.0 |
| 82.5° | 40.1 | 43.3 | 48.7 | 53.5 | 53.1 | 55.0 | 53.1 | 51.8 | 48.3 | 47.6 | 46.1 |
| 85° | 20.9 | 21.3 | 22.0 | 25.3 | 27.1 | 27.9 | 28.3 | 27.5 | 26.4 | 26.4 | 23.8 |
| 87.5° | 9.8 | 9.2 | 9.5 | 9.2 | 9.1 | 10.0 | 10.5 | 10.5 | 9.9 | 9.3 | 8.9 |
| 90° | 13.6 | 12.3 | 10.9 | 9.4 | 7.6 | 5.8 | 4.1 | 2.2 | 4.1 | 5.8 | 7.6 |
| 92.5° | 13.0 | 11.7 | 10.4 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.4 | 9.5 | 9.6 |
| 95° | 15.9 | 15.7 | 15.6 | 18.3 | 23.8 | 29.4 | 35.0 | 40.5 | 35.0 | 29.4 | 23.8 |
| 97.5° | 56.0 | 74.3 | 92.6 | 100.0 | 96.5 | 93.0 | 89.5 | 86.1 | 89.5 | 93.0 | 96.5 |
| 100° | 77.7 | 100.2 | 122.8 | 132.6 | 129.7 | 126.8 | 123.9 | 120.8 | 123.9 | 126.8 | 129.7 |
| 102.5° | 162.1 | 165.0 | 168.1 | 168.4 | 166.3 | 164.1 | 161.9 | 159.8 | 161.9 | 164.1 | 166.3 |
| 105° | 228.3 | 227.4 | 226.7 | 225.7 | 224.8 | 223.8 | 222.8 | 221.8 | 222.8 | 223.8 | 224.8 |
| 107.5° | 284.5 | 283.3 | 282.2 | 281.4 | 281.0 | 280.4 | 279.9 | 279.5 | 279.9 | 280.4 | 281.0 |
| 110° | 323.0 | 322.1 | 321.0 | 320.4 | 319.8 | 319.3 | 318.9 | 318.4 | 318.9 | 319.3 | 319.8 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 361.2 | 360.8 | 360.3 | 359.7 | 358.7 | 357.9 | 356.9 | 356.1 | 356.9 | 357.9 | 358.7 |
| 115° | 415.9 | 416.1 | 416.3 | 416.1 | 415.7 | 415.2 | 414.6 | 414.2 | 414.6 | 415.2 | 415.7 |
| 117.5° | 470.3 | 470.0 | 469.7 | 469.1 | 468.4 | 467.8 | 467.1 | 466.5 | 467.1 | 467.8 | 468.4 |
| 120° | 504.4 | 504.5 | 504.7 | 504.4 | 503.9 | 503.2 | 502.6 | 501.9 | 502.6 | 503.2 | 503.9 |
| 122.5° | 537.2 | 537.0 | 536.8 | 536.5 | 536.0 | 535.6 | 535.3 | 534.9 | 535.3 | 535.6 | 536.0 |
| 125° | 584.4 | 584.7 | 584.9 | 584.8 | 584.2 | 583.5 | 582.9 | 582.2 | 582.9 | 583.5 | 584.2 |
| 127.5° | 629.6 | 628.9 | 628.1 | 627.6 | 627.5 | 627.4 | 627.2 | 627.0 | 627.2 | 627.4 | 627.5 |
| 130° | 657.9 | 657.3 | 656.9 | 656.6 | 656.4 | 656.2 | 656.1 | 655.9 | 656.1 | 656.2 | 656.4 |
| 132.5° | 685.3 | 684.7 | 684.1 | 683.6 | 683.3 | 683.1 | 682.7 | 682.4 | 682.7 | 683.1 | 683.3 |
| 135° | 723.1 | 722.5 | 721.8 | 721.6 | 721.7 | 721.9 | 722.1 | 722.3 | 722.1 | 721.9 | 721.7 |
| 137.5° | 759.6 | 758.8 | 758.1 | 757.7 | 757.6 | 757.6 | 757.5 | 757.4 | 757.5 | 757.6 | 757.6 |
| 140° | 782.8 | 782.4 | 782.1 | 781.7 | 781.5 | 781.1 | 780.8 | 780.4 | 780.8 | 781.1 | 781.5 |
| 142.5° | 804.3 | 804.0 | 803.8 | 803.4 | 802.9 | 802.3 | 801.6 | 801.1 | 801.6 | 802.3 | 802.9 |
| 145° | 835.0 | 835.0 | 835.0 | 834.7 | 834.2 | 833.8 | 833.3 | 832.7 | 833.3 | 833.8 | 834.2 |
| 147.5° | 861.7 | 861.9 | 862.0 | 861.7 | 860.7 | 859.8 | 858.9 | 858.0 | 858.9 | 859.8 | 860.7 |
| 150° | 878.8 | 878.9 | 879.1 | 878.8 | 878.3 | 877.6 | 876.9 | 876.3 | 876.9 | 877.6 | 878.3 |
| 152.5° | 893.2 | 893.5 | 893.8 | 893.7 | 893.2 | 892.6 | 892.1 | 891.6 | 892.1 | 892.6 | 893.2 |
| 155° | 912.6 | 913.1 | 913.6 | 913.8 | 913.6 | 913.4 | 913.2 | 913.1 | 913.2 | 913.4 | 913.6 |
| 157.5° | 929.4 | 929.9 | 930.5 | 930.9 | 930.9 | 931.0 | 931.1 | 931.2 | 931.1 | 931.0 | 930.9 |
| 160° | 939.2 | 939.4 | 939.5 | 939.9 | 940.4 | 940.8 | 941.3 | 941.9 | 941.3 | 940.8 | 940.4 |
| 162.5° | 948.1 | 948.2 | 948.4 | 948.8 | 949.4 | 950.0 | 950.6 | 951.3 | 950.6 | 950.0 | 949.4 |
| 165° | 959.5 | 959.5 | 959.5 | 960.0 | 960.7 | 961.6 | 962.4 | 963.2 | 962.4 | 961.6 | 960.7 |
| 167.5° | 968.6 | 968.7 | 968.7 | 969.2 | 970.1 | 970.9 | 971.8 | 972.6 | 971.8 | 970.9 | 970.1 |
| 170° | 973.9 | 973.7 | 973.6 | 974.0 | 975.0 | 976.0 | 976.9 | 978.0 | 976.9 | 976.0 | 975.0 |
| 172.5° | 977.5 | 977.3 | 977.1 | 977.6 | 978.5 | 979.5 | 980.5 | 981.5 | 980.5 | 979.5 | 978.5 |
| 175° | 981.3 | 981.2 | 981.0 | 981.4 | 982.4 | 983.4 | 984.3 | 985.3 | 984.3 | 983.4 | 982.4 |
| 177.5° | 983.6 | 983.4 | 983.1 | 983.4 | 984.3 | 985.2 | 986.2 | 987.1 | 986.2 | 985.2 | 984.3 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 893.8 | 890.9 | 887.0 | 882.6 | 877.3 | 872.7 | 870.6 | 872.3 | 873.3 | 870.9 | 870.6 |
| 5° | 866.6 | 857.4 | 850.1 | 839.1 | 830.3 | 822.9 | 817.7 | 815.6 | 816.3 | 810.5 | 809.0 |
| 7.5° | 835.9 | 825.1 | 813.1 | 800.0 | 787.9 | 777.1 | 771.5 | 768.4 | 762.1 | 759.5 | 755.0 |
| 10° | 816.3 | 801.6 | 789.9 | 774.5 | 760.6 | 747.7 | 741.5 | 736.4 | 730.2 | 727.2 | 721.0 |
| 12.5° | 796.1 | 779.1 | 766.2 | 750.2 | 735.9 | 720.5 | 714.5 | 705.0 | 695.2 | 689.1 | 681.1 |
| 15° | 767.5 | 747.1 | 731.2 | 712.2 | 695.3 | 677.7 | 661.9 | 644.3 | 637.7 | 623.8 | 615.8 |
| 17.5° | 734.1 | 713.3 | 693.8 | 668.3 | 642.2 | 620.4 | 603.5 | 586.7 | 576.6 | 567.7 | 563.5 |
| 20° | 712.2 | 693.1 | 666.0 | 636.3 | 607.3 | 583.1 | 569.5 | 558.6 | 547.5 | 541.3 | 536.9 |
| 22.5° | 691.4 | 667.0 | 635.5 | 603.4 | 574.5 | 555.5 | 544.0 | 532.7 | 523.8 | 517.8 | 512.0 |
| 25° | 656.5 | 624.5 | 591.2 | 554.5 | 534.7 | 518.2 | 505.7 | 496.5 | 491.1 | 483.3 | 480.4 |
| 27.5° | 620.6 | 581.9 | 545.1 | 520.5 | 499.8 | 484.7 | 473.9 | 467.0 | 460.1 | 455.1 | 451.3 |
| 30° | 593.0 | 553.7 | 520.8 | 497.3 | 476.4 | 463.9 | 455.1 | 447.0 | 441.6 | 437.5 | 434.6 |
| 32.5° | 565.7 | 526.5 | 498.7 | 473.5 | 457.0 | 444.9 | 435.5 | 429.4 | 425.1 | 419.9 | 418.1 |
| 35° | 526.2 | 491.4 | 467.2 | 444.5 | 427.6 | 416.6 | 409.3 | 403.0 | 399.4 | 397.9 | 396.8 |
| 37.5° | 488.3 | 459.8 | 433.8 | 415.1 | 400.1 | 391.4 | 382.8 | 379.8 | 377.2 | 374.6 | 375.8 |
| 40° | 464.3 | 437.5 | 414.4 | 394.6 | 382.5 | 373.0 | 367.8 | 364.2 | 361.9 | 361.9 | 361.9 |
| 42.5° | 443.5 | 417.3 | 394.7 | 377.0 | 364.9 | 356.8 | 351.1 | 348.0 | 347.3 | 346.9 | 348.7 |
| 45° | 411.1 | 386.9 | 364.2 | 349.5 | 339.2 | 331.1 | 327.8 | 325.3 | 325.3 | 326.8 | 327.2 |
| 47.5° | 379.1 | 356.4 | 338.1 | 321.7 | 312.3 | 307.3 | 304.3 | 303.0 | 303.2 | 304.6 | 306.3 |
| 50° | 359.4 | 337.1 | 319.1 | 304.3 | 295.6 | 290.8 | 288.2 | 287.5 | 288.2 | 288.2 | 290.8 |
| 52.5° | 338.0 | 317.9 | 300.3 | 287.9 | 278.0 | 273.5 | 272.1 | 271.1 | 271.5 | 272.7 | 273.8 |
| 55° | 306.6 | 288.6 | 271.7 | 260.0 | 252.7 | 249.8 | 246.5 | 246.9 | 246.1 | 246.9 | 246.9 |
| 57.5° | 275.1 | 259.0 | 243.3 | 233.9 | 227.5 | 223.3 | 219.7 | 220.6 | 219.6 | 219.4 | 218.9 |
| 60° | 254.9 | 237.2 | 224.8 | 216.4 | 209.1 | 205.4 | 202.1 | 202.8 | 201.7 | 201.0 | 199.5 |
| 62.5° | 232.9 | 218.2 | 206.3 | 198.2 | 192.3 | 188.0 | 184.7 | 184.0 | 181.4 | 179.0 | 175.7 |
| 65° | 201.0 | 188.9 | 178.2 | 170.5 | 165.0 | 161.7 | 159.2 | 156.9 | 151.5 | 145.6 | 142.7 |
| 67.5° | 169.9 | 161.2 | 151.3 | 144.8 | 140.3 | 136.0 | 131.1 | 127.3 | 122.2 | 118.9 | 117.2 |
| 70° | 150.0 | 141.6 | 133.1 | 126.9 | 122.2 | 118.1 | 112.5 | 110.0 | 106.3 | 104.9 | 103.0 |
| 72.5° | 130.9 | 123.1 | 115.2 | 109.6 | 104.5 | 101.3 | 97.1 | 94.4 | 92.8 | 92.3 | 90.4 |
| 75° | 102.0 | 95.8 | 89.8 | 84.7 | 80.7 | 78.5 | 76.6 | 74.8 | 74.1 | 70.8 | 68.9 |
| 77.5° | 74.4 | 70.2 | 66.6 | 63.0 | 60.0 | 58.6 | 55.0 | 53.0 | 51.7 | 50.1 | 49.8 |
| 80° | 58.0 | 55.0 | 51.4 | 49.1 | 45.1 | 43.6 | 42.1 | 41.8 | 41.5 | 41.1 | 40.7 |
| 82.5° | 43.5 | 40.6 | 36.9 | 35.6 | 34.6 | 33.6 | 32.8 | 32.4 | 32.0 | 32.2 | 32.2 |
| 85° | 22.0 | 20.5 | 20.5 | 20.2 | 19.8 | 19.4 | 19.0 | 19.0 | 18.7 | 19.0 | 18.7 |
| 87.5° | 9.2 | 9.2 | 9.5 | 9.1 | 9.7 | 10.0 | 9.9 | 10.1 | 10.6 | 10.2 | 10.3 |
| 90° | 9.4 | 10.9 | 12.3 | 13.6 | 14.9 | 16.2 | 17.2 | 18.2 | 19.1 | 20.2 | 20.8 |
| 92.5° | 9.7 | 10.4 | 11.7 | 13.0 | 14.3 | 15.6 | 16.6 | 17.6 | 18.6 | 19.5 | 20.1 |
| 95° | 18.3 | 15.6 | 15.7 | 15.9 | 16.0 | 16.2 | 17.2 | 18.2 | 19.1 | 20.2 | 20.7 |
| 97.5° | 100.0 | 92.6 | 74.3 | 56.0 | 37.7 | 19.4 | 19.5 | 19.7 | 19.8 | 19.9 | 20.0 |
| 100° | 132.6 | 122.8 | 100.2 | 77.7 | 55.0 | 32.4 | 29.6 | 26.9 | 24.0 | 21.3 | 20.0 |
| 102.5° | 168.4 | 168.1 | 165.0 | 162.1 | 159.2 | 156.3 | 126.2 | 96.1 | 66.2 | 36.1 | 21.1 |
| 105° | 225.7 | 226.7 | 227.4 | 228.3 | 229.1 | 229.9 | 231.4 | 232.9 | 234.3 | 235.8 | 233.7 |
| 107.5° | 281.4 | 282.2 | 283.3 | 284.5 | 285.6 | 286.7 | 287.4 | 288.1 | 288.8 | 289.5 | 290.2 |
| 110° | 320.4 | 321.0 | 322.1 | 323.0 | 324.0 | 325.0 | 325.4 | 325.6 | 326.0 | 326.3 | 326.7 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 359.7 | 360.3 | 360.8 | 361.2 | 361.7 | 362.1 | 362.1 | 362.0 | 361.9 | 361.8 | 362.1 |
| 115° | 416.1 | 416.3 | 416.1 | 415.9 | 415.8 | 415.7 | 415.9 | 416.3 | 416.6 | 417.0 | 417.2 |
| 117.5° | 469.1 | 469.7 | 470.0 | 470.3 | 470.7 | 471.1 | 471.0 | 470.9 | 470.9 | 470.8 | 470.7 |
| 120° | 504.4 | 504.7 | 504.5 | 504.4 | 504.3 | 504.1 | 504.4 | 504.7 | 505.1 | 505.4 | 505.4 |
| 122.5° | 536.5 | 536.8 | 537.0 | 537.2 | 537.4 | 537.7 | 537.9 | 538.1 | 538.3 | 538.5 | 538.4 |
| 125° | 584.8 | 584.9 | 584.7 | 584.4 | 584.0 | 583.7 | 584.2 | 584.7 | 585.1 | 585.6 | 586.0 |
| 127.5° | 627.6 | 628.1 | 628.9 | 629.6 | 630.4 | 631.1 | 631.0 | 630.9 | 630.8 | 630.7 | 630.7 |
| 130° | 656.6 | 656.9 | 657.3 | 657.9 | 658.4 | 658.8 | 659.0 | 659.2 | 659.3 | 659.5 | 659.6 |
| 132.5° | 683.6 | 684.1 | 684.7 | 685.3 | 685.9 | 686.5 | 686.7 | 686.9 | 687.0 | 687.2 | 687.2 |
| 135° | 721.6 | 721.8 | 722.5 | 723.1 | 723.8 | 724.4 | 724.7 | 725.1 | 725.4 | 725.8 | 726.0 |
| 137.5° | 757.7 | 758.1 | 758.8 | 759.6 | 760.3 | 761.0 | 761.4 | 761.7 | 762.0 | 762.4 | 762.5 |
| 140° | 781.7 | 782.1 | 782.4 | 782.8 | 783.1 | 783.3 | 783.9 | 784.4 | 784.9 | 785.3 | 785.7 |
| 142.5° | 803.4 | 803.8 | 804.0 | 804.3 | 804.5 | 804.6 | 805.0 | 805.3 | 805.7 | 806.1 | 806.3 |
| 145° | 834.7 | 835.0 | 835.0 | 835.0 | 835.0 | 835.0 | 835.2 | 835.3 | 835.5 | 835.7 | 835.8 |
| 147.5° | 861.7 | 862.0 | 861.9 | 861.7 | 861.5 | 861.4 | 861.5 | 861.7 | 861.8 | 861.9 | 862.0 |
| 150° | 878.8 | 879.1 | 878.9 | 878.8 | 878.6 | 878.4 | 878.4 | 878.4 | 878.4 | 878.4 | 878.5 |
| 152.5° | 893.7 | 893.8 | 893.5 | 893.2 | 892.9 | 892.6 | 892.9 | 893.2 | 893.4 | 893.6 | 893.7 |
| 155° | 913.8 | 913.6 | 913.1 | 912.6 | 912.1 | 911.6 | 912.3 | 912.9 | 913.6 | 914.3 | 914.4 |
| 157.5° | 930.9 | 930.5 | 929.9 | 929.4 | 928.9 | 928.3 | 929.2 | 930.0 | 930.9 | 931.7 | 931.7 |
| 160° | 939.9 | 939.5 | 939.4 | 939.2 | 939.1 | 938.9 | 939.9 | 940.8 | 941.9 | 942.8 | 942.8 |
| 162.5° | 948.8 | 948.4 | 948.2 | 948.1 | 947.9 | 947.7 | 948.8 | 949.7 | 950.6 | 951.7 | 951.6 |
| 165° | 960.0 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 960.8 | 962.1 | 963.5 | 964.8 | 964.7 |
| 167.5° | 969.2 | 968.7 | 968.7 | 968.6 | 968.5 | 968.4 | 969.8 | 971.3 | 972.7 | 974.1 | 974.0 |
| 170° | 974.0 | 973.6 | 973.7 | 973.9 | 974.1 | 974.3 | 975.5 | 976.9 | 978.2 | 979.5 | 979.3 |
| 172.5° | 977.6 | 977.1 | 977.3 | 977.5 | 977.6 | 977.8 | 979.1 | 980.4 | 981.8 | 983.1 | 982.8 |
| 175° | 981.4 | 981.0 | 981.2 | 981.3 | 981.5 | 981.7 | 983.1 | 984.6 | 986.1 | 987.5 | 987.3 |
| 177.5° | 983.4 | 983.1 | 983.4 | 983.6 | 983.9 | 984.1 | 985.1 | 986.3 | 987.3 | 988.4 | 988.1 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 868.8 | 869.4 | 867.4 | 866.8 | 867.4 | 869.4 | 868.8 | 870.6 | 870.9 | 873.3 | 872.3 |
| 5° | 806.1 | 805.3 | 803.5 | 803.9 | 803.5 | 805.3 | 806.1 | 809.0 | 810.5 | 816.3 | 815.6 |
| 7.5° | 752.3 | 749.5 | 750.4 | 747.3 | 750.4 | 749.5 | 752.3 | 755.0 | 759.5 | 762.1 | 768.4 |
| 10° | 719.5 | 715.5 | 712.2 | 709.3 | 712.2 | 715.5 | 719.5 | 721.0 | 727.2 | 730.2 | 736.4 |
| 12.5° | 674.7 | 671.2 | 666.7 | 667.6 | 666.7 | 671.2 | 674.7 | 681.1 | 689.1 | 695.2 | 705.0 |
| 15° | 611.0 | 605.5 | 596.6 | 597.8 | 596.6 | 605.5 | 611.0 | 615.8 | 623.8 | 637.7 | 644.3 |
| 17.5° | 557.0 | 557.1 | 553.1 | 554.0 | 553.1 | 557.1 | 557.0 | 563.5 | 567.7 | 576.6 | 586.7 |
| 20° | 529.1 | 526.6 | 527.0 | 525.8 | 527.0 | 526.6 | 529.1 | 536.9 | 541.3 | 547.5 | 558.6 |
| 22.5° | 509.8 | 506.7 | 504.1 | 501.8 | 504.1 | 506.7 | 509.8 | 512.0 | 517.8 | 523.8 | 532.7 |
| 25° | 477.1 | 474.9 | 471.6 | 470.9 | 471.6 | 474.9 | 477.1 | 480.4 | 483.3 | 491.1 | 496.5 |
| 27.5° | 448.4 | 447.9 | 446.6 | 444.9 | 446.6 | 447.9 | 448.4 | 451.3 | 455.1 | 460.1 | 467.0 |
| 30° | 431.6 | 430.9 | 430.2 | 429.0 | 430.2 | 430.9 | 431.6 | 434.6 | 437.5 | 441.6 | 447.0 |
| 32.5° | 416.7 | 416.2 | 415.5 | 415.6 | 415.5 | 416.2 | 416.7 | 418.1 | 419.9 | 425.1 | 429.4 |
| 35° | 395.3 | 394.9 | 394.3 | 393.9 | 394.3 | 394.9 | 395.3 | 396.8 | 397.9 | 399.4 | 403.0 |
| 37.5° | 375.4 | 376.4 | 375.9 | 375.8 | 375.9 | 376.4 | 375.4 | 375.8 | 374.6 | 377.2 | 379.8 |
| 40° | 361.6 | 361.9 | 362.7 | 362.3 | 362.7 | 361.9 | 361.6 | 361.9 | 361.9 | 361.9 | 364.2 |
| 42.5° | 350.2 | 350.2 | 351.3 | 350.0 | 351.3 | 350.2 | 350.2 | 348.7 | 346.9 | 347.3 | 348.0 |
| 45° | 329.7 | 331.9 | 331.5 | 331.5 | 331.5 | 331.9 | 329.7 | 327.2 | 326.8 | 325.3 | 325.3 |
| 47.5° | 307.3 | 309.2 | 309.7 | 309.6 | 309.7 | 309.2 | 307.3 | 306.3 | 304.6 | 303.2 | 303.0 |
| 50° | 292.7 | 291.9 | 293.0 | 292.7 | 293.0 | 291.9 | 292.7 | 290.8 | 288.2 | 288.2 | 287.5 |
| 52.5° | 274.8 | 274.9 | 274.8 | 274.5 | 274.8 | 274.9 | 274.8 | 273.8 | 272.7 | 271.5 | 271.1 |
| 55° | 247.1 | 247.5 | 246.9 | 247.1 | 246.9 | 247.5 | 247.1 | 246.9 | 246.9 | 246.1 | 246.9 |
| 57.5° | 217.3 | 215.5 | 216.2 | 215.4 | 216.2 | 215.5 | 217.3 | 218.9 | 219.4 | 219.6 | 220.6 |
| 60° | 195.9 | 192.9 | 192.2 | 190.7 | 192.2 | 192.9 | 195.9 | 199.5 | 201.0 | 201.7 | 202.8 |
| 62.5° | 171.7 | 169.8 | 167.2 | 168.4 | 167.2 | 169.8 | 171.7 | 175.7 | 179.0 | 181.4 | 184.0 |
| 65° | 139.7 | 138.3 | 137.1 | 138.6 | 137.1 | 138.3 | 139.7 | 142.7 | 145.6 | 151.5 | 156.9 |
| 67.5° | 115.6 | 114.9 | 114.9 | 114.1 | 114.9 | 114.9 | 115.6 | 117.2 | 118.9 | 122.2 | 127.3 |
| 70° | 103.0 | 102.0 | 102.0 | 101.2 | 102.0 | 102.0 | 103.0 | 103.0 | 104.9 | 106.3 | 110.0 |
| 72.5° | 90.1 | 89.1 | 89.4 | 88.9 | 89.4 | 89.1 | 90.1 | 90.4 | 92.3 | 92.8 | 94.4 |
| 75° | 66.7 | 64.9 | 64.9 | 65.3 | 64.9 | 64.9 | 66.7 | 68.9 | 70.8 | 74.1 | 74.8 |
| 77.5° | 49.8 | 49.4 | 50.0 | 49.3 | 50.0 | 49.4 | 49.8 | 49.8 | 50.1 | 51.7 | 53.0 |
| 80° | 40.7 | 40.3 | 40.0 | 41.1 | 40.0 | 40.3 | 40.7 | 40.7 | 41.1 | 41.5 | 41.8 |
| 82.5° | 31.6 | 31.6 | 31.5 | 32.9 | 31.5 | 31.6 | 31.6 | 32.2 | 32.2 | 32.0 | 32.4 |
| 85° | 19.0 | 18.4 | 19.0 | 18.4 | 19.0 | 18.4 | 19.0 | 18.7 | 19.0 | 18.7 | 19.0 |
| 87.5° | 10.9 | 10.7 | 10.6 | 10.8 | 10.6 | 10.7 | 10.9 | 10.3 | 10.2 | 10.6 | 10.1 |
| 90° | 21.1 | 21.5 | 21.8 | 22.1 | 21.8 | 21.5 | 21.1 | 20.8 | 20.2 | 19.1 | 18.2 |
| 92.5° | 20.2 | 20.2 | 20.3 | 20.4 | 20.3 | 20.2 | 20.2 | 20.1 | 19.5 | 18.6 | 17.6 |
| 95° | 20.9 | 21.0 | 21.2 | 21.4 | 21.2 | 21.0 | 20.9 | 20.7 | 20.2 | 19.1 | 18.2 |
| 97.5° | 20.2 | 20.3 | 20.5 | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 19.9 | 19.8 | 19.7 |
| 100° | 20.2 | 20.3 | 20.5 | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 21.3 | 24.0 | 26.9 |
| 102.5° | 21.1 | 21.1 | 21.2 | 21.2 | 21.2 | 21.1 | 21.1 | 21.1 | 36.1 | 66.2 | 96.1 |
| 105° | 227.7 | 221.8 | 215.9 | 210.0 | 215.9 | 221.8 | 227.7 | 233.7 | 235.8 | 234.3 | 232.9 |
| 107.5° | 290.9 | 291.4 | 292.1 | 292.8 | 292.1 | 291.4 | 290.9 | 290.2 | 289.5 | 288.8 | 288.1 |
| 110° | 327.3 | 327.7 | 328.2 | 328.7 | 328.2 | 327.7 | 327.3 | 326.7 | 326.3 | 326.0 | 325.6 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.8 | 363.4 | 364.0 | 364.7 | 364.0 | 363.4 | 362.8 | 362.1 | 361.8 | 361.9 | 362.0 |
| 115° | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.0 | 416.6 | 416.3 |
| 117.5° | 470.7 | 470.6 | 470.5 | 470.5 | 470.5 | 470.6 | 470.7 | 470.7 | 470.8 | 470.9 | 470.9 |
| 120° | 505.1 | 504.7 | 504.4 | 504.1 | 504.4 | 504.7 | 505.1 | 505.4 | 505.4 | 505.1 | 504.7 |
| 122.5° | 538.1 | 537.7 | 537.4 | 537.1 | 537.4 | 537.7 | 538.1 | 538.4 | 538.5 | 538.3 | 538.1 |
| 125° | 586.2 | 586.3 | 586.4 | 586.6 | 586.4 | 586.3 | 586.2 | 586.0 | 585.6 | 585.1 | 584.7 |
| 127.5° | 630.5 | 630.4 | 630.3 | 630.1 | 630.3 | 630.4 | 630.5 | 630.7 | 630.7 | 630.8 | 630.9 |
| 130° | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.5 | 659.3 | 659.2 |
| 132.5° | 687.1 | 686.9 | 686.8 | 686.7 | 686.8 | 686.9 | 687.1 | 687.2 | 687.2 | 687.0 | 686.9 |
| 135° | 726.4 | 726.7 | 727.1 | 727.4 | 727.1 | 726.7 | 726.4 | 726.0 | 725.8 | 725.4 | 725.1 |
| 137.5° | 762.4 | 762.3 | 762.2 | 762.1 | 762.2 | 762.3 | 762.4 | 762.5 | 762.4 | 762.0 | 761.7 |
| 140° | 785.9 | 786.0 | 786.2 | 786.4 | 786.2 | 786.0 | 785.9 | 785.7 | 785.3 | 784.9 | 784.4 |
| 142.5° | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.1 | 805.7 | 805.3 |
| 145° | 836.2 | 836.5 | 836.9 | 837.2 | 836.9 | 836.5 | 836.2 | 835.8 | 835.7 | 835.5 | 835.3 |
| 147.5° | 862.2 | 862.3 | 862.5 | 862.7 | 862.5 | 862.3 | 862.2 | 862.0 | 861.9 | 861.8 | 861.7 |
| 150° | 878.7 | 878.8 | 879.0 | 879.2 | 879.0 | 878.8 | 878.7 | 878.5 | 878.4 | 878.4 | 878.4 |
| 152.5° | 893.6 | 893.5 | 893.4 | 893.3 | 893.4 | 893.5 | 893.6 | 893.7 | 893.6 | 893.4 | 893.2 |
| 155° | 913.8 | 913.3 | 912.9 | 912.4 | 912.9 | 913.3 | 913.8 | 914.4 | 914.3 | 913.6 | 912.9 |
| 157.5° | 930.9 | 930.0 | 929.2 | 928.3 | 929.2 | 930.0 | 930.9 | 931.7 | 931.7 | 930.9 | 930.0 |
| 160° | 941.9 | 940.8 | 939.9 | 938.9 | 939.9 | 940.8 | 941.9 | 942.8 | 942.8 | 941.9 | 940.8 |
| 162.5° | 950.5 | 949.3 | 948.3 | 947.2 | 948.3 | 949.3 | 950.5 | 951.6 | 951.7 | 950.6 | 949.7 |
| 165° | 963.2 | 961.8 | 960.3 | 958.8 | 960.3 | 961.8 | 963.2 | 964.7 | 964.8 | 963.5 | 962.1 |
| 167.5° | 972.4 | 970.7 | 969.1 | 967.5 | 969.1 | 970.7 | 972.4 | 974.0 | 974.1 | 972.7 | 971.3 |
| 170° | 977.7 | 976.1 | 974.4 | 972.8 | 974.4 | 976.1 | 977.7 | 979.3 | 979.5 | 978.2 | 976.9 |
| 172.5° | 981.1 | 979.3 | 977.5 | 975.7 | 977.5 | 979.3 | 981.1 | 982.8 | 983.1 | 981.8 | 980.4 |
| 175° | 985.3 | 983.4 | 981.4 | 979.4 | 981.4 | 983.4 | 985.3 | 987.3 | 987.5 | 986.1 | 984.6 |
| 177.5° | 986.5 | 985.0 | 983.4 | 981.8 | 983.4 | 985.0 | 986.5 | 988.1 | 988.4 | 987.3 | 986.3 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332907-830
 CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 870.6 | 872.7 | 877.3 | 882.6 | 887.0 | 890.9 | 893.8 | 897.9 | 901.7 | 907.0 | 912.0 |
| 5° | 817.7 | 822.9 | 830.3 | 839.1 | 850.1 | 857.4 | 866.6 | 874.7 | 886.4 | 898.1 | 909.5 |
| 7.5° | 771.5 | 777.1 | 787.9 | 800.0 | 813.1 | 825.1 | 835.9 | 850.2 | 865.7 | 882.9 | 901.9 |
| 10° | 741.5 | 747.7 | 760.6 | 774.5 | 789.9 | 801.6 | 816.3 | 833.2 | 850.8 | 871.7 | 895.1 |
| 12.5° | 714.5 | 720.5 | 735.9 | 750.2 | 766.2 | 779.1 | 796.1 | 813.2 | 836.7 | 859.4 | 886.1 |
| 15° | 661.9 | 677.7 | 695.3 | 712.2 | 731.2 | 747.1 | 767.5 | 785.1 | 807.6 | 839.4 | 869.9 |
| 17.5° | 603.5 | 620.4 | 642.2 | 668.3 | 693.8 | 713.3 | 734.1 | 756.0 | 782.7 | 815.2 | 850.4 |
| 20° | 569.5 | 583.1 | 607.3 | 636.3 | 666.0 | 693.1 | 712.2 | 736.4 | 763.9 | 799.1 | 835.4 |
| 22.5° | 544.0 | 555.5 | 574.5 | 603.4 | 635.5 | 667.0 | 691.4 | 715.3 | 745.7 | 780.9 | 820.5 |
| 25° | 505.7 | 518.2 | 534.7 | 554.5 | 591.2 | 624.5 | 656.5 | 683.9 | 716.2 | 751.4 | 795.4 |
| 27.5° | 473.9 | 484.7 | 499.8 | 520.5 | 545.1 | 581.9 | 620.6 | 652.0 | 685.0 | 722.8 | 766.9 |
| 30° | 455.1 | 463.9 | 476.4 | 497.3 | 520.8 | 553.7 | 593.0 | 629.7 | 663.1 | 702.3 | 748.1 |
| 32.5° | 435.5 | 444.9 | 457.0 | 473.5 | 498.7 | 526.5 | 565.7 | 605.9 | 641.3 | 681.5 | 726.4 |
| 35° | 409.3 | 416.6 | 427.6 | 444.5 | 467.2 | 491.4 | 526.2 | 567.7 | 605.1 | 648.0 | 690.9 |
| 37.5° | 382.8 | 391.4 | 400.1 | 415.1 | 433.8 | 459.8 | 488.3 | 530.7 | 572.1 | 611.2 | 653.2 |
| 40° | 367.8 | 373.0 | 382.5 | 394.6 | 414.4 | 437.5 | 464.3 | 505.7 | 547.1 | 586.1 | 628.2 |
| 42.5° | 351.1 | 356.8 | 364.9 | 377.0 | 394.7 | 417.3 | 443.5 | 479.3 | 522.5 | 560.2 | 598.6 |
| 45° | 327.8 | 331.1 | 339.2 | 349.5 | 364.2 | 386.9 | 411.1 | 443.0 | 483.7 | 519.6 | 553.4 |
| 47.5° | 304.3 | 307.3 | 312.3 | 321.7 | 338.1 | 356.4 | 379.1 | 407.6 | 443.4 | 479.3 | 507.8 |
| 50° | 288.2 | 290.8 | 295.6 | 304.3 | 319.1 | 337.1 | 359.4 | 385.0 | 417.0 | 451.5 | 475.2 |
| 52.5° | 272.1 | 273.5 | 278.0 | 287.9 | 300.3 | 317.9 | 338.0 | 361.6 | 391.4 | 420.1 | 444.2 |
| 55° | 246.5 | 249.8 | 252.7 | 260.0 | 271.7 | 288.6 | 306.6 | 328.9 | 352.0 | 376.3 | 396.8 |
| 57.5° | 219.7 | 223.3 | 227.5 | 233.9 | 243.3 | 259.0 | 275.1 | 293.2 | 312.9 | 333.1 | 350.2 |
| 60° | 202.1 | 205.4 | 209.1 | 216.4 | 224.8 | 237.2 | 254.9 | 270.6 | 285.7 | 304.0 | 321.2 |
| 62.5° | 184.7 | 188.0 | 192.3 | 198.2 | 206.3 | 218.2 | 232.9 | 246.6 | 262.2 | 278.2 | 291.1 |
| 65° | 159.2 | 161.7 | 165.0 | 170.5 | 178.2 | 188.9 | 201.0 | 211.6 | 225.6 | 237.2 | 249.0 |
| 67.5° | 131.1 | 136.0 | 140.3 | 144.8 | 151.3 | 161.2 | 169.9 | 180.1 | 189.6 | 198.3 | 209.1 |
| 70° | 112.5 | 118.1 | 122.2 | 126.9 | 133.1 | 141.6 | 150.0 | 156.9 | 164.7 | 173.1 | 182.7 |
| 72.5° | 97.1 | 101.3 | 104.5 | 109.6 | 115.2 | 123.1 | 130.9 | 136.7 | 143.0 | 148.7 | 158.0 |
| 75° | 76.6 | 78.5 | 80.7 | 84.7 | 89.8 | 95.8 | 102.0 | 107.1 | 110.7 | 115.8 | 122.5 |
| 77.5° | 55.0 | 58.6 | 60.0 | 63.0 | 66.6 | 70.2 | 74.4 | 78.7 | 82.2 | 84.1 | 89.1 |
| 80° | 42.1 | 43.6 | 45.1 | 49.1 | 51.4 | 55.0 | 58.0 | 62.0 | 63.4 | 65.3 | 70.0 |
| 82.5° | 32.8 | 33.6 | 34.6 | 35.6 | 36.9 | 40.6 | 43.5 | 46.1 | 47.6 | 48.3 | 51.8 |
| 85° | 19.0 | 19.4 | 19.8 | 20.2 | 20.5 | 20.5 | 22.0 | 23.8 | 26.4 | 26.4 | 27.5 |
| 87.5° | 9.9 | 10.0 | 9.7 | 9.1 | 9.5 | 9.2 | 9.2 | 8.9 | 9.3 | 9.9 | 10.5 |
| 90° | 17.2 | 16.2 | 14.9 | 13.6 | 12.3 | 10.9 | 9.4 | 7.6 | 5.8 | 4.1 | 2.2 |
| 92.5° | 16.6 | 15.6 | 14.3 | 13.0 | 11.7 | 10.4 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 |
| 95° | 17.2 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 18.3 | 23.8 | 29.4 | 35.0 | 40.5 |
| 97.5° | 19.5 | 19.4 | 37.7 | 56.0 | 74.3 | 92.6 | 100.0 | 96.5 | 93.0 | 89.5 | 86.1 |
| 100° | 29.6 | 32.4 | 55.0 | 77.7 | 100.2 | 122.8 | 132.6 | 129.7 | 126.8 | 123.9 | 120.8 |
| 102.5° | 126.2 | 156.3 | 159.2 | 162.1 | 165.0 | 168.1 | 168.4 | 166.3 | 164.1 | 161.9 | 159.8 |
| 105° | 231.4 | 229.9 | 229.1 | 228.3 | 227.4 | 226.7 | 225.7 | 224.8 | 223.8 | 222.8 | 221.8 |
| 107.5° | 287.4 | 286.7 | 285.6 | 284.5 | 283.3 | 282.2 | 281.4 | 281.0 | 280.4 | 279.9 | 279.5 |
| 110° | 325.4 | 325.0 | 324.0 | 323.0 | 322.1 | 321.0 | 320.4 | 319.8 | 319.3 | 318.9 | 318.4 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.1 | 362.1 | 361.7 | 361.2 | 360.8 | 360.3 | 359.7 | 358.7 | 357.9 | 356.9 | 356.1 |
| 115° | 415.9 | 415.7 | 415.8 | 415.9 | 416.1 | 416.3 | 416.1 | 415.7 | 415.2 | 414.6 | 414.2 |
| 117.5° | 471.0 | 471.1 | 470.7 | 470.3 | 470.0 | 469.7 | 469.1 | 468.4 | 467.8 | 467.1 | 466.5 |
| 120° | 504.4 | 504.1 | 504.3 | 504.4 | 504.5 | 504.7 | 504.4 | 503.9 | 503.2 | 502.6 | 501.9 |
| 122.5° | 537.9 | 537.7 | 537.4 | 537.2 | 537.0 | 536.8 | 536.5 | 536.0 | 535.6 | 535.3 | 534.9 |
| 125° | 584.2 | 583.7 | 584.0 | 584.4 | 584.7 | 584.9 | 584.8 | 584.2 | 583.5 | 582.9 | 582.2 |
| 127.5° | 631.0 | 631.1 | 630.4 | 629.6 | 628.9 | 628.1 | 627.6 | 627.5 | 627.4 | 627.2 | 627.0 |
| 130° | 659.0 | 658.8 | 658.4 | 657.9 | 657.3 | 656.9 | 656.6 | 656.4 | 656.2 | 656.1 | 655.9 |
| 132.5° | 686.7 | 686.5 | 685.9 | 685.3 | 684.7 | 684.1 | 683.6 | 683.3 | 683.1 | 682.7 | 682.4 |
| 135° | 724.7 | 724.4 | 723.8 | 723.1 | 722.5 | 721.8 | 721.6 | 721.7 | 721.9 | 722.1 | 722.3 |
| 137.5° | 761.4 | 761.0 | 760.3 | 759.6 | 758.8 | 758.1 | 757.7 | 757.6 | 757.6 | 757.5 | 757.4 |
| 140° | 783.9 | 783.3 | 783.1 | 782.8 | 782.4 | 782.1 | 781.7 | 781.5 | 781.1 | 780.8 | 780.4 |
| 142.5° | 805.0 | 804.6 | 804.5 | 804.3 | 804.0 | 803.8 | 803.4 | 802.9 | 802.3 | 801.6 | 801.1 |
| 145° | 835.2 | 835.0 | 835.0 | 835.0 | 835.0 | 835.0 | 834.7 | 834.2 | 833.8 | 833.3 | 832.7 |
| 147.5° | 861.5 | 861.4 | 861.5 | 861.7 | 861.9 | 862.0 | 861.7 | 860.7 | 859.8 | 858.9 | 858.0 |
| 150° | 878.4 | 878.4 | 878.6 | 878.8 | 878.9 | 879.1 | 878.8 | 878.3 | 877.6 | 876.9 | 876.3 |
| 152.5° | 892.9 | 892.6 | 892.9 | 893.2 | 893.5 | 893.8 | 893.7 | 893.2 | 892.6 | 892.1 | 891.6 |
| 155° | 912.3 | 911.6 | 912.1 | 912.6 | 913.1 | 913.6 | 913.8 | 913.6 | 913.4 | 913.2 | 913.1 |
| 157.5° | 929.2 | 928.3 | 928.9 | 929.4 | 929.9 | 930.5 | 930.9 | 930.9 | 931.0 | 931.1 | 931.2 |
| 160° | 939.9 | 938.9 | 939.1 | 939.2 | 939.4 | 939.5 | 939.9 | 940.4 | 940.8 | 941.3 | 941.9 |
| 162.5° | 948.8 | 947.7 | 947.9 | 948.1 | 948.2 | 948.4 | 948.8 | 949.4 | 950.0 | 950.6 | 951.3 |
| 165° | 960.8 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 960.0 | 960.7 | 961.6 | 962.4 | 963.2 |
| 167.5° | 969.8 | 968.4 | 968.5 | 968.6 | 968.7 | 968.7 | 969.2 | 970.1 | 970.9 | 971.8 | 972.6 |
| 170° | 975.5 | 974.3 | 974.1 | 973.9 | 973.7 | 973.6 | 974.0 | 975.0 | 976.0 | 976.9 | 978.0 |
| 172.5° | 979.1 | 977.8 | 977.6 | 977.5 | 977.3 | 977.1 | 977.6 | 978.5 | 979.5 | 980.5 | 981.5 |
| 175° | 983.1 | 981.7 | 981.5 | 981.3 | 981.2 | 981.0 | 981.4 | 982.4 | 983.4 | 984.3 | 985.3 |
| 177.5° | 985.1 | 984.1 | 983.9 | 983.6 | 983.4 | 983.1 | 983.4 | 984.3 | 985.2 | 986.2 | 987.1 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 915.8 | 918.4 | 921.3 | 926.9 | 931.6 | 933.7 | 937.8 | 940.8 | 939.8 | 944.0 | 951.0 |
| 5° | 919.4 | 929.3 | 940.7 | 952.3 | 965.5 | 976.6 | 985.4 | 994.2 | 1001.2 | 1009.6 | 1022.1 |
| 7.5° | 918.8 | 936.4 | 955.5 | 976.6 | 998.2 | 1016.9 | 1034.3 | 1051.9 | 1067.4 | 1084.6 | 1106.9 |
| 10° | 916.4 | 939.9 | 963.7 | 991.3 | 1018.8 | 1044.8 | 1068.3 | 1090.2 | 1111.2 | 1133.5 | 1161.8 |
| 12.5° | 913.8 | 940.8 | 969.6 | 1002.7 | 1037.0 | 1068.3 | 1095.9 | 1127.6 | 1153.7 | 1182.5 | 1215.2 |
| 15° | 902.1 | 938.5 | 977.7 | 1020.6 | 1061.7 | 1103.8 | 1141.6 | 1180.5 | 1216.8 | 1251.2 | 1292.3 |
| 17.5° | 888.8 | 930.7 | 976.9 | 1027.7 | 1077.0 | 1128.2 | 1173.1 | 1222.1 | 1259.1 | 1305.4 | 1343.6 |
| 20° | 878.0 | 923.0 | 972.5 | 1029.4 | 1085.5 | 1142.4 | 1191.8 | 1241.7 | 1283.6 | 1330.1 | 1378.6 |
| 22.5° | 864.8 | 914.3 | 967.9 | 1026.7 | 1085.5 | 1147.6 | 1202.4 | 1252.0 | 1303.8 | 1356.2 | 1406.1 |
| 25° | 843.5 | 894.8 | 951.7 | 1016.2 | 1083.6 | 1147.1 | 1205.8 | 1267.4 | 1323.1 | 1380.0 | 1424.7 |
| 27.5° | 817.4 | 871.3 | 931.2 | 997.8 | 1067.1 | 1132.0 | 1201.1 | 1266.8 | 1322.9 | 1377.5 | 1416.5 |
| 30° | 796.5 | 853.4 | 911.0 | 978.5 | 1050.3 | 1120.0 | 1194.0 | 1259.7 | 1318.7 | 1367.9 | 1389.9 |
| 32.5° | 775.1 | 829.1 | 888.3 | 956.7 | 1030.4 | 1105.3 | 1178.8 | 1245.9 | 1300.5 | 1330.0 | 1330.6 |
| 35° | 737.8 | 788.4 | 850.1 | 917.2 | 992.7 | 1074.1 | 1148.6 | 1214.6 | 1247.9 | 1250.6 | 1214.6 |
| 37.5° | 697.2 | 743.7 | 801.8 | 869.0 | 951.7 | 1032.7 | 1108.7 | 1152.7 | 1163.9 | 1126.6 | 1060.2 |
| 40° | 668.2 | 711.1 | 767.2 | 836.1 | 918.3 | 1001.9 | 1071.2 | 1103.4 | 1091.7 | 1031.2 | 957.2 |
| 42.5° | 637.6 | 677.6 | 731.7 | 799.7 | 882.2 | 966.7 | 1025.8 | 1043.0 | 1011.9 | 942.1 | 855.4 |
| 45° | 587.9 | 624.5 | 678.1 | 746.7 | 825.9 | 905.1 | 949.8 | 941.0 | 889.3 | 806.4 | 709.3 |
| 47.5° | 536.0 | 571.5 | 619.6 | 683.1 | 764.2 | 832.5 | 862.8 | 836.3 | 762.7 | 671.6 | 592.5 |
| 50° | 501.7 | 538.0 | 582.4 | 642.9 | 717.0 | 783.0 | 802.4 | 762.0 | 680.2 | 592.7 | 520.0 |
| 52.5° | 468.0 | 499.0 | 542.4 | 600.9 | 671.8 | 727.5 | 737.8 | 691.4 | 606.9 | 528.4 | 464.0 |
| 55° | 416.6 | 444.9 | 481.5 | 536.5 | 597.8 | 645.1 | 639.6 | 579.8 | 503.1 | 436.0 | 385.4 |
| 57.5° | 366.9 | 388.2 | 422.1 | 473.6 | 527.4 | 559.2 | 539.0 | 488.1 | 416.7 | 361.7 | 319.1 |
| 60° | 334.1 | 353.9 | 385.4 | 430.6 | 477.9 | 495.8 | 478.9 | 423.6 | 367.1 | 316.9 | 280.9 |
| 62.5° | 303.0 | 320.5 | 347.6 | 389.5 | 427.6 | 438.3 | 420.3 | 371.9 | 321.0 | 278.1 | 248.4 |
| 65° | 257.8 | 273.9 | 297.1 | 326.8 | 353.2 | 358.3 | 346.6 | 297.1 | 258.5 | 222.6 | 202.1 |
| 67.5° | 216.8 | 227.3 | 245.4 | 271.1 | 285.1 | 288.1 | 265.4 | 234.3 | 200.4 | 178.3 | 162.9 |
| 70° | 189.3 | 196.5 | 213.4 | 227.3 | 238.7 | 239.1 | 218.2 | 193.2 | 167.2 | 149.3 | 137.9 |
| 72.5° | 162.5 | 169.6 | 182.4 | 191.9 | 200.6 | 197.7 | 178.6 | 158.9 | 137.9 | 124.3 | 115.8 |
| 75° | 125.5 | 131.7 | 138.3 | 142.7 | 142.7 | 139.0 | 125.1 | 110.4 | 98.3 | 90.2 | 87.7 |
| 77.5° | 91.1 | 96.3 | 98.5 | 97.8 | 96.5 | 90.8 | 82.0 | 72.4 | 68.1 | 64.3 | 62.3 |
| 80° | 71.5 | 73.7 | 74.5 | 72.6 | 70.4 | 63.8 | 58.0 | 53.9 | 49.9 | 48.4 | 47.7 |
| 82.5° | 53.1 | 55.0 | 53.1 | 53.5 | 48.7 | 43.3 | 40.1 | 38.6 | 36.9 | 36.4 | 35.6 |
| 85° | 28.3 | 27.9 | 27.1 | 25.3 | 22.0 | 21.3 | 20.9 | 20.5 | 19.8 | 20.2 | 19.4 |
| 87.5° | 10.5 | 10.0 | 9.1 | 9.2 | 9.5 | 9.2 | 9.8 | 10.0 | 10.3 | 10.2 | 10.9 |
| 90° | 4.1 | 5.8 | 7.6 | 9.4 | 10.9 | 12.3 | 13.6 | 14.9 | 16.2 | 17.2 | 18.2 |
| 92.5° | 9.4 | 9.5 | 9.6 | 9.7 | 10.4 | 11.7 | 13.0 | 14.3 | 15.6 | 16.6 | 17.6 |
| 95° | 35.0 | 29.4 | 23.8 | 18.3 | 15.6 | 15.7 | 15.9 | 16.0 | 16.2 | 17.2 | 18.2 |
| 97.5° | 89.5 | 93.0 | 96.5 | 100.0 | 92.6 | 74.3 | 56.0 | 37.7 | 19.4 | 19.5 | 19.7 |
| 100° | 123.9 | 126.8 | 129.7 | 132.6 | 122.8 | 100.2 | 77.7 | 55.0 | 32.4 | 29.6 | 26.9 |
| 102.5° | 161.9 | 164.1 | 166.3 | 168.4 | 168.1 | 165.0 | 162.1 | 159.2 | 156.3 | 126.2 | 96.1 |
| 105° | 222.8 | 223.8 | 224.8 | 225.7 | 226.7 | 227.4 | 228.3 | 229.1 | 229.9 | 231.4 | 232.9 |
| 107.5° | 279.9 | 280.4 | 281.0 | 281.4 | 282.2 | 283.3 | 284.5 | 285.6 | 286.7 | 287.4 | 288.1 |
| 110° | 318.9 | 319.3 | 319.8 | 320.4 | 321.0 | 322.1 | 323.0 | 324.0 | 325.0 | 325.4 | 325.6 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 356.9 | 357.9 | 358.7 | 359.7 | 360.3 | 360.8 | 361.2 | 361.7 | 362.1 | 362.1 | 362.0 |
| 115° | 414.6 | 415.2 | 415.7 | 416.1 | 416.3 | 416.1 | 415.9 | 415.8 | 415.7 | 415.9 | 416.3 |
| 117.5° | 467.1 | 467.8 | 468.4 | 469.1 | 469.7 | 470.0 | 470.3 | 470.7 | 471.1 | 471.0 | 470.9 |
| 120° | 502.6 | 503.2 | 503.9 | 504.4 | 504.7 | 504.5 | 504.4 | 504.3 | 504.1 | 504.4 | 504.7 |
| 122.5° | 535.3 | 535.6 | 536.0 | 536.5 | 536.8 | 537.0 | 537.2 | 537.4 | 537.7 | 537.9 | 538.1 |
| 125° | 582.9 | 583.5 | 584.2 | 584.8 | 584.9 | 584.7 | 584.4 | 584.0 | 583.7 | 584.2 | 584.7 |
| 127.5° | 627.2 | 627.4 | 627.5 | 627.6 | 628.1 | 628.9 | 629.6 | 630.4 | 631.1 | 631.0 | 630.9 |
| 130° | 656.1 | 656.2 | 656.4 | 656.6 | 656.9 | 657.3 | 657.9 | 658.4 | 658.8 | 659.0 | 659.2 |
| 132.5° | 682.7 | 683.1 | 683.3 | 683.6 | 684.1 | 684.7 | 685.3 | 685.9 | 686.5 | 686.7 | 686.9 |
| 135° | 722.1 | 721.9 | 721.7 | 721.6 | 721.8 | 722.5 | 723.1 | 723.8 | 724.4 | 724.7 | 725.1 |
| 137.5° | 757.5 | 757.6 | 757.6 | 757.7 | 758.1 | 758.8 | 759.6 | 760.3 | 761.0 | 761.4 | 761.7 |
| 140° | 780.8 | 781.1 | 781.5 | 781.7 | 782.1 | 782.4 | 782.8 | 783.1 | 783.3 | 783.9 | 784.4 |
| 142.5° | 801.6 | 802.3 | 802.9 | 803.4 | 803.8 | 804.0 | 804.3 | 804.5 | 804.6 | 805.0 | 805.3 |
| 145° | 833.3 | 833.8 | 834.2 | 834.7 | 835.0 | 835.0 | 835.0 | 835.0 | 835.0 | 835.2 | 835.3 |
| 147.5° | 858.9 | 859.8 | 860.7 | 861.7 | 862.0 | 861.9 | 861.7 | 861.5 | 861.4 | 861.5 | 861.7 |
| 150° | 876.9 | 877.6 | 878.3 | 878.8 | 879.1 | 878.9 | 878.8 | 878.6 | 878.4 | 878.4 | 878.4 |
| 152.5° | 892.1 | 892.6 | 893.2 | 893.7 | 893.8 | 893.5 | 893.2 | 892.9 | 892.6 | 892.9 | 893.2 |
| 155° | 913.2 | 913.4 | 913.6 | 913.8 | 913.6 | 913.1 | 912.6 | 912.1 | 911.6 | 912.3 | 912.9 |
| 157.5° | 931.1 | 931.0 | 930.9 | 930.9 | 930.5 | 929.9 | 929.4 | 928.9 | 928.3 | 929.2 | 930.0 |
| 160° | 941.3 | 940.8 | 940.4 | 939.9 | 939.5 | 939.4 | 939.2 | 939.1 | 938.9 | 939.9 | 940.8 |
| 162.5° | 950.6 | 950.0 | 949.4 | 948.8 | 948.4 | 948.2 | 948.1 | 947.9 | 947.7 | 948.8 | 949.7 |
| 165° | 962.4 | 961.6 | 960.7 | 960.0 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 960.8 | 962.1 |
| 167.5° | 971.8 | 970.9 | 970.1 | 969.2 | 968.7 | 968.7 | 968.6 | 968.5 | 968.4 | 969.8 | 971.3 |
| 170° | 976.9 | 976.0 | 975.0 | 974.0 | 973.6 | 973.7 | 973.9 | 974.1 | 974.3 | 975.5 | 976.9 |
| 172.5° | 980.5 | 979.5 | 978.5 | 977.6 | 977.1 | 977.3 | 977.5 | 977.6 | 977.8 | 979.1 | 980.4 |
| 175° | 984.3 | 983.4 | 982.4 | 981.4 | 981.0 | 981.2 | 981.3 | 981.5 | 981.7 | 983.1 | 984.6 |
| 177.5° | 986.2 | 985.2 | 984.3 | 983.4 | 983.1 | 983.4 | 983.6 | 983.9 | 984.1 | 985.1 | 986.3 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 954.8 | 956.0 | 956.9 | 959.8 | 960.1 | 962.7 | 960.1 |
| 5° | 1033.8 | 1039.0 | 1047.0 | 1055.1 | 1055.8 | 1060.9 | 1051.8 |
| 7.5° | 1122.4 | 1134.3 | 1141.7 | 1154.7 | 1159.9 | 1163.1 | 1157.8 |
| 10° | 1183.5 | 1194.4 | 1213.9 | 1223.4 | 1232.9 | 1234.4 | 1230.0 |
| 12.5° | 1242.4 | 1259.8 | 1275.2 | 1293.3 | 1292.8 | 1305.7 | 1301.0 |
| 15° | 1321.0 | 1338.9 | 1360.2 | 1380.4 | 1387.7 | 1387.7 | 1393.5 |
| 17.5° | 1377.0 | 1409.9 | 1431.9 | 1447.7 | 1465.1 | 1468.1 | 1466.0 |
| 20° | 1414.9 | 1450.4 | 1473.9 | 1494.4 | 1506.2 | 1509.5 | 1509.5 |
| 22.5° | 1443.0 | 1473.3 | 1496.2 | 1514.7 | 1524.4 | 1528.2 | 1527.0 |
| 25° | 1462.5 | 1488.6 | 1502.5 | 1508.0 | 1510.5 | 1509.8 | 1502.9 |
| 27.5° | 1435.8 | 1434.6 | 1425.8 | 1408.9 | 1396.3 | 1388.6 | 1379.8 |
| 30° | 1384.8 | 1365.6 | 1343.7 | 1319.5 | 1288.3 | 1264.4 | 1257.2 |
| 32.5° | 1308.8 | 1265.9 | 1228.7 | 1188.4 | 1154.8 | 1131.0 | 1121.0 |
| 35° | 1161.8 | 1093.9 | 1038.6 | 990.1 | 955.0 | 932.9 | 925.6 |
| 37.5° | 987.4 | 921.7 | 853.2 | 806.3 | 777.0 | 754.8 | 746.5 |
| 40° | 876.5 | 804.9 | 745.2 | 701.2 | 671.1 | 649.5 | 649.1 |
| 42.5° | 775.2 | 707.0 | 650.7 | 619.1 | 586.6 | 572.3 | 572.2 |
| 45° | 634.8 | 580.1 | 532.4 | 507.6 | 488.1 | 476.4 | 473.1 |
| 47.5° | 525.6 | 480.4 | 448.7 | 428.8 | 412.9 | 405.5 | 400.6 |
| 50° | 464.3 | 424.7 | 399.4 | 382.1 | 373.3 | 363.8 | 363.1 |
| 52.5° | 413.2 | 381.3 | 361.6 | 347.5 | 336.4 | 330.6 | 330.8 |
| 55° | 347.3 | 322.0 | 308.0 | 297.4 | 288.6 | 284.2 | 282.4 |
| 57.5° | 292.6 | 273.6 | 263.4 | 253.7 | 250.0 | 246.5 | 245.5 |
| 60° | 258.5 | 245.7 | 236.2 | 228.5 | 223.0 | 221.9 | 221.5 |
| 62.5° | 230.4 | 217.0 | 210.4 | 204.4 | 200.4 | 198.7 | 198.0 |
| 65° | 189.9 | 180.0 | 174.2 | 169.5 | 168.0 | 165.4 | 165.0 |
| 67.5° | 153.2 | 147.2 | 143.4 | 140.1 | 138.0 | 137.9 | 137.9 |
| 70° | 130.5 | 127.2 | 123.9 | 122.2 | 121.0 | 120.3 | 120.3 |
| 72.5° | 111.2 | 108.8 | 106.0 | 105.1 | 104.9 | 104.2 | 103.9 |
| 75° | 84.7 | 82.2 | 82.5 | 80.7 | 79.2 | 77.4 | 76.3 |
| 77.5° | 60.0 | 58.2 | 57.9 | 57.7 | 56.4 | 56.2 | 56.7 |
| 80° | 46.6 | 44.8 | 44.4 | 44.8 | 44.4 | 43.3 | 43.3 |
| 82.5° | 35.4 | 33.9 | 33.6 | 33.3 | 32.9 | 33.3 | 32.7 |
| 85° | 19.0 | 18.4 | 18.4 | 18.4 | 19.0 | 18.7 | 18.4 |
| 87.5° | 10.6 | 10.5 | 10.9 | 10.7 | 10.7 | 10.6 | 10.8 |
| 90° | 19.1 | 20.2 | 20.8 | 21.1 | 21.5 | 21.8 | 22.1 |
| 92.5° | 18.6 | 19.5 | 20.1 | 20.2 | 20.2 | 20.3 | 20.4 |
| 95° | 19.1 | 20.2 | 20.7 | 20.9 | 21.0 | 21.2 | 21.4 |
| 97.5° | 19.8 | 19.9 | 20.0 | 20.2 | 20.3 | 20.5 | 20.6 |
| 100° | 24.0 | 21.3 | 20.0 | 20.2 | 20.3 | 20.5 | 20.6 |
| 102.5° | 66.2 | 36.1 | 21.1 | 21.1 | 21.1 | 21.2 | 21.2 |
| 105° | 234.3 | 235.8 | 233.7 | 227.7 | 221.8 | 215.9 | 210.0 |
| 107.5° | 288.8 | 289.5 | 290.2 | 290.9 | 291.4 | 292.1 | 292.8 |
| 110° | 326.0 | 326.3 | 326.7 | 327.3 | 327.7 | 328.2 | 328.7 |



TEST NUMBER: P332907-830

CATALOG NUMBER: SA4XXRDIP-C575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 361.9 | 361.8 | 362.1 | 362.8 | 363.4 | 364.0 | 364.7 |
| 115° | 416.6 | 417.0 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 |
| 117.5° | 470.9 | 470.8 | 470.7 | 470.7 | 470.6 | 470.5 | 470.5 |
| 120° | 505.1 | 505.4 | 505.4 | 505.1 | 504.7 | 504.4 | 504.1 |
| 122.5° | 538.3 | 538.5 | 538.4 | 538.1 | 537.7 | 537.4 | 537.1 |
| 125° | 585.1 | 585.6 | 586.0 | 586.2 | 586.3 | 586.4 | 586.6 |
| 127.5° | 630.8 | 630.7 | 630.7 | 630.5 | 630.4 | 630.3 | 630.1 |
| 130° | 659.3 | 659.5 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 |
| 132.5° | 687.0 | 687.2 | 687.2 | 687.1 | 686.9 | 686.8 | 686.7 |
| 135° | 725.4 | 725.8 | 726.0 | 726.4 | 726.7 | 727.1 | 727.4 |
| 137.5° | 762.0 | 762.4 | 762.5 | 762.4 | 762.3 | 762.2 | 762.1 |
| 140° | 784.9 | 785.3 | 785.7 | 785.9 | 786.0 | 786.2 | 786.4 |
| 142.5° | 805.7 | 806.1 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 |
| 145° | 835.5 | 835.7 | 835.8 | 836.2 | 836.5 | 836.9 | 837.2 |
| 147.5° | 861.8 | 861.9 | 862.0 | 862.2 | 862.3 | 862.5 | 862.7 |
| 150° | 878.4 | 878.4 | 878.5 | 878.7 | 878.8 | 879.0 | 879.2 |
| 152.5° | 893.4 | 893.6 | 893.7 | 893.6 | 893.5 | 893.4 | 893.3 |
| 155° | 913.6 | 914.3 | 914.4 | 913.8 | 913.3 | 912.9 | 912.4 |
| 157.5° | 930.9 | 931.7 | 931.7 | 930.9 | 930.0 | 929.2 | 928.3 |
| 160° | 941.9 | 942.8 | 942.8 | 941.9 | 940.8 | 939.9 | 938.9 |
| 162.5° | 950.6 | 951.7 | 951.6 | 950.5 | 949.3 | 948.3 | 947.2 |
| 165° | 963.5 | 964.8 | 964.7 | 963.2 | 961.8 | 960.3 | 958.8 |
| 167.5° | 972.7 | 974.1 | 974.0 | 972.4 | 970.7 | 969.1 | 967.5 |
| 170° | 978.2 | 979.5 | 979.3 | 977.7 | 976.1 | 974.4 | 972.8 |
| 172.5° | 981.8 | 983.1 | 982.8 | 981.1 | 979.3 | 977.5 | 975.7 |
| 175° | 986.1 | 987.5 | 987.3 | 985.3 | 983.4 | 981.4 | 979.4 |
| 177.5° | 987.3 | 988.4 | 988.1 | 986.5 | 985.0 | 983.4 | 981.8 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |

(END OF REPORT)