

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: P332283-927

Luminaire Tested: **S123RDIP-S560D805U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332283-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIP-S560D805U927-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 805 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3951.6 lumens
Efficiency: N/A
Efficacy: 102.9 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

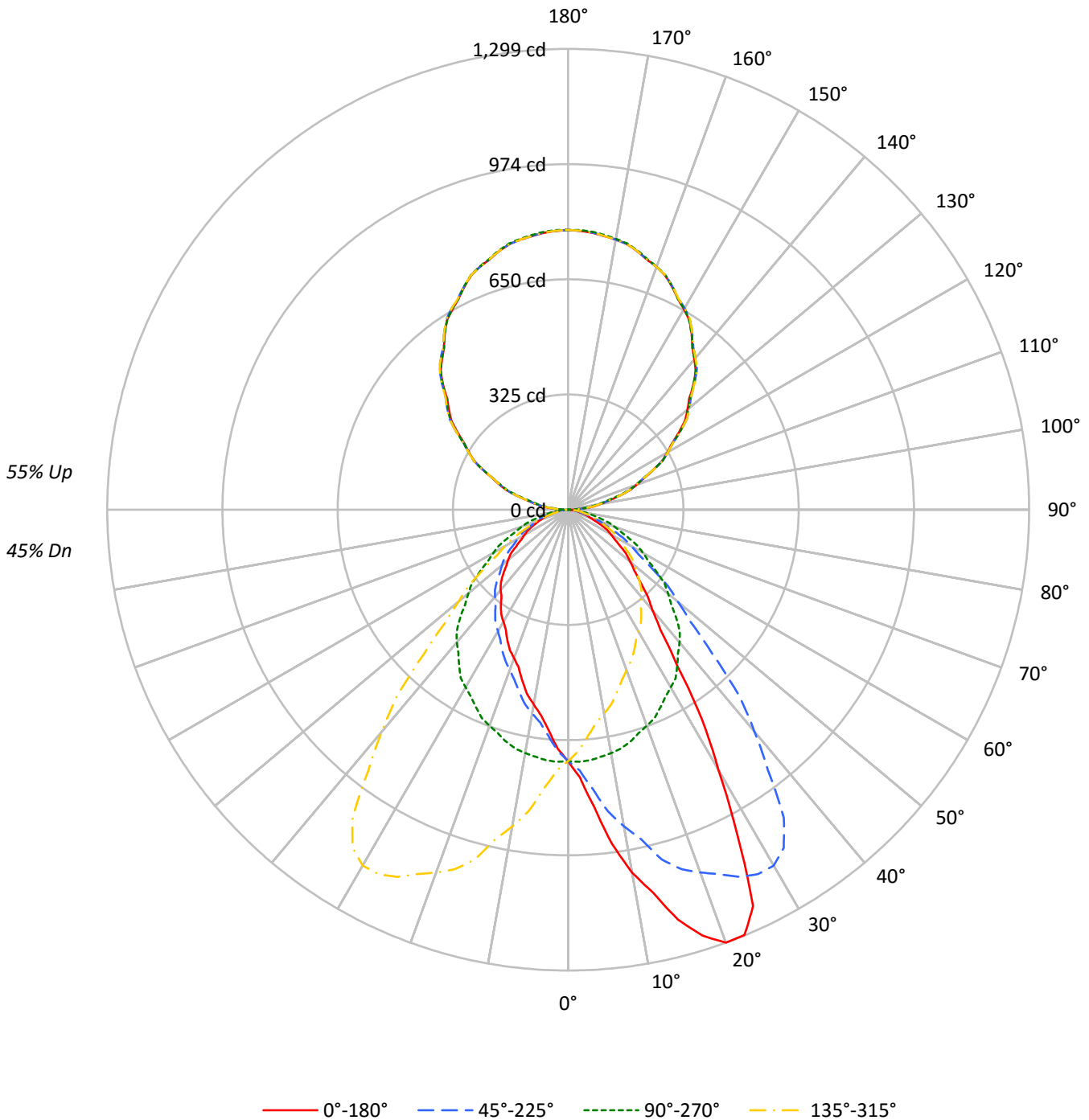
Input Watts (W): 38.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | 20 | | | 20 | | | 20 |
| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 45 |
| 1 | 97 | 93 | 89 | 86 | 89 | 85 | 82 | 79 | 71 | 69 | 67 | 58 | 57 | 55 | 46 | 45 | 44 | 39 |
| 2 | 89 | 82 | 76 | 71 | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 52 | 49 | 47 | 41 | 40 | 38 | 33 |
| 3 | 81 | 72 | 65 | 60 | 74 | 67 | 61 | 56 | 56 | 52 | 48 | 46 | 43 | 40 | 37 | 35 | 33 | 29 |
| 4 | 75 | 64 | 57 | 51 | 68 | 59 | 53 | 48 | 50 | 45 | 41 | 41 | 38 | 35 | 33 | 31 | 29 | 25 |
| 5 | 69 | 58 | 50 | 44 | 63 | 53 | 46 | 41 | 45 | 40 | 36 | 37 | 34 | 31 | 30 | 28 | 25 | 22 |
| 6 | 63 | 52 | 44 | 38 | 58 | 48 | 41 | 36 | 41 | 35 | 31 | 34 | 30 | 27 | 28 | 25 | 23 | 20 |
| 7 | 59 | 47 | 39 | 34 | 54 | 43 | 37 | 32 | 37 | 32 | 28 | 31 | 27 | 24 | 25 | 22 | 20 | 18 |
| 8 | 54 | 43 | 35 | 30 | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 28 | 24 | 22 | 23 | 20 | 18 | 16 |
| 9 | 51 | 39 | 32 | 27 | 47 | 36 | 30 | 25 | 31 | 26 | 22 | 26 | 22 | 19 | 22 | 19 | 17 | 14 |
| 10 | 47 | 36 | 29 | 24 | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 24 | 20 | 18 | 20 | 17 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7629 | 7629 | 7629 | 7629 |
| 5° | 9095 | 7662 | 6748 | 7662 |
| 10° | 11355 | 7618 | 6096 | 7618 |
| 15° | 13329 | 7540 | 5558 | 7540 |
| 20° | 14875 | 7424 | 5102 | 7424 |
| 25° | 14638 | 7301 | 4822 | 7301 |
| 30° | 10521 | 7188 | 4533 | 7188 |
| 35° | 7025 | 7041 | 4346 | 7041 |
| 40° | 5176 | 6864 | 4154 | 6864 |
| 45° | 4341 | 6555 | 3962 | 6555 |
| 50° | 3831 | 6149 | 3699 | 6149 |
| 55° | 3359 | 5684 | 3337 | 5684 |
| 60° | 2990 | 5240 | 3057 | 5240 |
| 65° | 2626 | 4760 | 2845 | 4760 |
| 70° | 2061 | 4337 | 2596 | 4337 |
| 75° | 1817 | 3785 | 2371 | 3785 |
| 80° | 1581 | 3217 | 2331 | 3217 |
| 85° | 1272 | 2581 | 2470 | 2581 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 69.7 | 1.8 |
| 10°-20° | 217.8 | 5.5 |
| 20°-30° | 342.1 | 8.7 |
| 30°-40° | 356.9 | 9.0 |
| 40°-50° | 305.5 | 7.7 |
| 50°-60° | 232.8 | 5.9 |
| 60°-70° | 149.2 | 3.8 |
| 70°-80° | 71.8 | 1.8 |
| 80°-90° | 21.3 | 0.5 |
| 90°-100° | 51.4 | 1.3 |
| 100°-110° | 153.7 | 3.9 |
| 110°-120° | 261.5 | 6.6 |
| 120°-130° | 343.9 | 8.7 |
| 130°-140° | 386.6 | 9.8 |
| 140°-150° | 380.0 | 9.6 |
| 150°-160° | 319.9 | 8.1 |
| 160°-170° | 212.9 | 5.4 |
| 170°-180° | 74.6 | 1.9 |
| 0°-30° | 629.6 | 15.9 |
| 0°-40° | 986.5 | 25.0 |
| 0°-60° | 1524.8 | 38.6 |
| 0°-90° | 1767.1 | 44.7 |
| 90°-120° | 466.6 | 11.8 |
| 90°-150° | 1577.1 | 39.9 |
| 90°-180° | 2185.0 | 55.3 |
| 0°-180° | 3951.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 709 | 709 | 709 | 709 | 709 | |
| 5° | 842 | 709 | 624 | 709 | 842 | 87 |
| 15° | 1196 | 677 | 499 | 677 | 1196 | 339 |
| 25° | 1232 | 615 | 406 | 615 | 1232 | 530 |
| 35° | 535 | 536 | 331 | 536 | 535 | 351 |
| 45° | 285 | 431 | 260 | 431 | 285 | 224 |
| 55° | 179 | 303 | 178 | 303 | 179 | 162 |
| 65° | 103 | 187 | 112 | 187 | 103 | 101 |
| 75° | 44 | 91 | 57 | 91 | 44 | 47 |
| 85° | 10 | 21 | 20 | 21 | 10 | 12 |
| 90° | 19 | 1 | 19 | 1 | 19 | 9 |
| 95° | 48 | 36 | 48 | 36 | 48 | 50 |
| 105° | 147 | 139 | 147 | 139 | 147 | 156 |
| 115° | 264 | 263 | 264 | 263 | 264 | 261 |
| 125° | 381 | 385 | 381 | 385 | 381 | 341 |
| 135° | 499 | 500 | 499 | 500 | 499 | 384 |
| 145° | 606 | 606 | 606 | 606 | 606 | 378 |
| 155° | 693 | 694 | 693 | 694 | 693 | 319 |
| 165° | 754 | 756 | 754 | 756 | 754 | 213 |
| 175° | 784 | 787 | 784 | 787 | 784 | 74 |
| 180° | 788 | 788 | 788 | 788 | 788 | |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5° | 754.9 | 755.9 | 752.7 | 752.3 | 748.6 | 747.7 | 747.7 | 742.5 | 739.3 | 735.2 | 732.8 |
| 5° | 841.7 | 846.5 | 844.1 | 838.7 | 829.6 | 827.4 | 821.7 | 812.5 | 802.2 | 789.5 | 783.5 |
| 7.5° | 950.1 | 956.7 | 954.1 | 945.7 | 936.2 | 928.4 | 912.2 | 897.1 | 875.9 | 857.4 | 841.5 |
| 10° | 1038.9 | 1031.9 | 1026.5 | 1018.3 | 1009.5 | 995.2 | 978.3 | 954.9 | 927.9 | 906.7 | 883.0 |
| 12.5° | 1105.4 | 1104.3 | 1097.3 | 1088.9 | 1076.5 | 1063.0 | 1042.0 | 1013.6 | 982.2 | 951.5 | 924.5 |
| 15° | 1196.1 | 1197.9 | 1193.3 | 1184.6 | 1167.0 | 1143.0 | 1111.4 | 1099.6 | 1054.7 | 1021.3 | 987.9 |
| 17.5° | 1258.9 | 1258.5 | 1257.8 | 1245.6 | 1227.7 | 1210.6 | 1181.4 | 1150.2 | 1109.6 | 1062.6 | 1017.6 |
| 20° | 1298.6 | 1295.6 | 1296.2 | 1282.5 | 1269.2 | 1249.5 | 1221.0 | 1175.8 | 1142.4 | 1088.1 | 1041.6 |
| 22.5° | 1297.7 | 1297.0 | 1299.3 | 1294.7 | 1285.0 | 1269.9 | 1247.4 | 1209.3 | 1166.6 | 1111.8 | 1059.6 |
| 25° | 1232.5 | 1230.1 | 1244.4 | 1248.2 | 1263.8 | 1266.5 | 1259.8 | 1238.9 | 1198.5 | 1142.1 | 1077.4 |
| 27.5° | 1031.5 | 1030.2 | 1056.6 | 1089.7 | 1131.8 | 1164.4 | 1196.0 | 1211.2 | 1198.5 | 1158.1 | 1093.4 |
| 30° | 846.5 | 875.0 | 888.4 | 936.4 | 989.8 | 1053.4 | 1109.3 | 1162.4 | 1175.4 | 1157.9 | 1104.8 |
| 32.5° | 702.8 | 727.7 | 738.9 | 780.1 | 829.8 | 904.4 | 988.2 | 1063.3 | 1116.5 | 1130.0 | 1098.0 |
| 35° | 534.6 | 535.0 | 560.4 | 578.6 | 624.7 | 701.5 | 782.8 | 883.5 | 983.7 | 1059.5 | 1067.5 |
| 37.5° | 426.6 | 428.1 | 443.5 | 461.7 | 496.3 | 536.9 | 608.5 | 692.2 | 807.9 | 924.3 | 992.6 |
| 40° | 368.4 | 371.1 | 382.6 | 400.5 | 425.4 | 456.1 | 511.9 | 590.7 | 687.2 | 816.8 | 922.7 |
| 42.5° | 331.0 | 335.4 | 341.4 | 355.1 | 370.5 | 399.3 | 444.4 | 505.3 | 593.0 | 715.6 | 837.7 |
| 45° | 285.2 | 287.6 | 292.2 | 298.6 | 312.5 | 332.6 | 362.9 | 403.9 | 476.7 | 575.3 | 697.6 |
| 47.5° | 251.6 | 250.3 | 255.1 | 260.3 | 269.6 | 283.2 | 303.6 | 337.0 | 389.0 | 468.0 | 571.8 |
| 50° | 228.8 | 228.5 | 231.8 | 235.8 | 244.5 | 254.6 | 271.2 | 296.4 | 337.7 | 403.2 | 498.2 |
| 52.5° | 207.4 | 208.6 | 211.0 | 215.9 | 222.2 | 230.3 | 245.3 | 263.4 | 298.9 | 355.5 | 434.6 |
| 55° | 179.0 | 179.9 | 183.2 | 186.0 | 190.5 | 198.8 | 208.2 | 223.3 | 247.6 | 287.0 | 352.3 |
| 57.5° | 155.0 | 154.6 | 157.8 | 158.4 | 163.6 | 170.2 | 177.5 | 189.3 | 206.9 | 236.2 | 280.2 |
| 60° | 138.9 | 138.1 | 140.8 | 142.9 | 145.6 | 151.1 | 157.2 | 168.7 | 182.7 | 204.2 | 241.9 |
| 62.5° | 124.4 | 124.0 | 126.0 | 128.1 | 130.3 | 135.3 | 140.5 | 149.2 | 160.3 | 178.5 | 208.3 |
| 65° | 103.1 | 104.1 | 105.0 | 105.9 | 107.1 | 110.1 | 115.0 | 121.0 | 128.7 | 141.4 | 163.0 |
| 67.5° | 81.0 | 82.0 | 82.3 | 84.1 | 86.7 | 88.6 | 91.7 | 97.0 | 102.3 | 113.0 | 125.3 |
| 70° | 65.5 | 65.2 | 65.5 | 66.5 | 69.8 | 73.1 | 77.1 | 81.0 | 84.4 | 92.0 | 102.3 |
| 72.5° | 56.3 | 55.8 | 56.6 | 56.7 | 58.4 | 59.3 | 61.8 | 65.5 | 69.8 | 74.9 | 82.4 |
| 75° | 43.7 | 43.7 | 43.7 | 43.7 | 44.9 | 45.6 | 46.4 | 47.4 | 48.9 | 51.3 | 56.7 |
| 77.5° | 32.3 | 32.3 | 32.8 | 33.0 | 33.4 | 33.7 | 34.2 | 35.2 | 35.6 | 37.0 | 39.3 |
| 80° | 25.5 | 25.8 | 25.5 | 25.8 | 25.8 | 26.4 | 26.7 | 27.6 | 27.9 | 29.5 | 30.3 |
| 82.5° | 19.2 | 19.0 | 19.2 | 19.5 | 19.5 | 20.1 | 20.1 | 20.8 | 20.9 | 21.6 | 22.6 |
| 85° | 10.3 | 9.7 | 10.3 | 10.0 | 10.6 | 10.0 | 10.3 | 10.9 | 10.9 | 11.2 | 12.4 |
| 87.5° | 6.2 | 6.6 | 6.0 | 6.3 | 6.2 | 6.3 | 6.2 | 6.1 | 6.5 | 6.1 | 6.0 |
| 90° | 18.6 | 18.3 | 18.1 | 17.7 | 17.5 | 17.0 | 16.5 | 16.0 | 15.4 | 14.9 | 13.1 |
| 92.5° | 25.0 | 25.2 | 25.3 | 25.5 | 25.7 | 25.5 | 25.1 | 24.6 | 24.2 | 23.8 | 22.7 |
| 95° | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.0 | 47.5 | 46.9 | 46.4 | 45.9 | 44.8 |
| 97.5° | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.2 | 73.6 | 73.0 | 72.3 | 71.7 | 70.9 |
| 100° | 94.1 | 93.9 | 93.6 | 93.3 | 93.1 | 92.7 | 92.3 | 91.9 | 91.5 | 91.0 | 90.4 |
| 102.5° | 114.5 | 114.5 | 114.5 | 114.6 | 114.7 | 114.5 | 114.1 | 113.7 | 113.3 | 112.9 | 111.9 |
| 105° | 147.4 | 147.1 | 146.9 | 146.6 | 146.3 | 146.2 | 146.2 | 146.2 | 146.2 | 146.2 | 145.0 |
| 107.5° | 181.7 | 181.9 | 182.0 | 182.2 | 182.4 | 182.3 | 181.8 | 181.3 | 180.9 | 180.5 | 180.0 |
| 110° | 205.0 | 205.3 | 205.6 | 205.8 | 206.1 | 206.0 | 205.4 | 204.9 | 204.3 | 203.7 | 203.5 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 229.8 | 229.8 | 229.9 | 230.0 | 230.0 | 229.7 | 229.0 | 228.4 | 227.8 | 227.0 | 227.0 |
| 115° | 263.9 | 264.0 | 264.1 | 264.3 | 264.4 | 264.4 | 264.3 | 264.1 | 264.0 | 263.9 | 264.1 |
| 117.5° | 298.4 | 298.8 | 299.2 | 299.6 | 299.9 | 300.2 | 300.2 | 300.2 | 300.2 | 300.2 | 300.6 |
| 120° | 322.7 | 323.0 | 323.2 | 323.5 | 323.8 | 324.0 | 324.2 | 324.2 | 324.4 | 324.6 | 325.3 |
| 122.5° | 345.9 | 346.3 | 346.7 | 347.1 | 347.5 | 347.9 | 348.2 | 348.6 | 349.0 | 349.4 | 349.7 |
| 125° | 380.9 | 381.4 | 382.0 | 382.5 | 383.1 | 383.7 | 384.2 | 384.8 | 385.3 | 385.9 | 386.1 |
| 127.5° | 415.7 | 416.4 | 417.0 | 417.6 | 418.3 | 419.0 | 419.7 | 420.5 | 421.3 | 422.0 | 422.3 |
| 130° | 438.5 | 439.5 | 440.5 | 441.4 | 442.4 | 443.1 | 443.7 | 444.3 | 444.7 | 445.3 | 445.8 |
| 132.5° | 462.3 | 463.0 | 463.7 | 464.5 | 465.2 | 466.0 | 466.6 | 467.3 | 467.9 | 468.6 | 468.9 |
| 135° | 499.2 | 499.5 | 499.8 | 500.0 | 500.3 | 500.7 | 501.3 | 501.8 | 502.4 | 503.0 | 503.0 |
| 137.5° | 531.8 | 532.3 | 532.8 | 533.4 | 533.9 | 534.4 | 535.0 | 535.6 | 536.1 | 536.7 | 536.4 |
| 140° | 553.1 | 554.1 | 555.0 | 556.0 | 557.0 | 557.5 | 557.6 | 557.8 | 557.9 | 558.0 | 557.9 |
| 142.5° | 574.9 | 575.6 | 576.4 | 577.1 | 577.9 | 578.3 | 578.5 | 578.6 | 578.7 | 578.8 | 578.6 |
| 145° | 606.3 | 606.9 | 607.4 | 608.0 | 608.6 | 608.9 | 609.0 | 609.2 | 609.3 | 609.4 | 609.0 |
| 147.5° | 634.4 | 635.2 | 636.0 | 636.8 | 637.6 | 638.1 | 638.1 | 638.1 | 638.1 | 638.1 | 637.7 |
| 150° | 652.2 | 653.0 | 653.9 | 654.7 | 655.5 | 655.9 | 655.9 | 655.9 | 655.9 | 655.9 | 655.6 |
| 152.5° | 669.6 | 670.3 | 671.0 | 671.7 | 672.4 | 672.6 | 672.4 | 672.2 | 672.0 | 671.8 | 671.6 |
| 155° | 693.1 | 694.0 | 695.0 | 695.9 | 696.9 | 697.1 | 696.6 | 696.0 | 695.5 | 694.9 | 694.8 |
| 157.5° | 714.5 | 715.3 | 716.1 | 716.8 | 717.6 | 717.6 | 717.1 | 716.5 | 716.0 | 715.3 | 715.3 |
| 160° | 728.3 | 728.9 | 729.4 | 730.0 | 730.6 | 730.5 | 729.8 | 729.1 | 728.4 | 727.8 | 727.8 |
| 162.5° | 738.8 | 739.7 | 740.5 | 741.4 | 742.3 | 742.4 | 741.7 | 741.0 | 740.3 | 739.7 | 739.5 |
| 165° | 753.8 | 754.7 | 755.7 | 756.7 | 757.6 | 757.7 | 756.9 | 756.1 | 755.2 | 754.4 | 754.4 |
| 167.5° | 766.5 | 767.4 | 768.3 | 769.1 | 769.9 | 769.9 | 769.1 | 768.3 | 767.4 | 766.5 | 766.4 |
| 170° | 772.9 | 774.0 | 774.9 | 775.9 | 776.8 | 776.8 | 775.9 | 774.9 | 774.0 | 772.9 | 772.9 |
| 172.5° | 777.9 | 778.9 | 779.8 | 780.8 | 781.8 | 781.8 | 781.0 | 780.1 | 779.3 | 778.4 | 778.4 |
| 175° | 783.5 | 784.4 | 785.4 | 786.4 | 787.3 | 787.4 | 786.6 | 785.8 | 785.0 | 784.1 | 784.1 |
| 177.5° | 786.5 | 787.3 | 788.0 | 788.8 | 789.6 | 789.6 | 788.9 | 788.3 | 787.6 | 787.0 | 787.0 |
| 180° | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5° | 731.8 | 731.1 | 727.7 | 723.8 | 718.7 | 715.3 | 712.6 | 711.2 | 706.9 | 701.5 | 697.8 |
| 5° | 777.1 | 767.9 | 758.3 | 746.4 | 735.5 | 724.3 | 717.3 | 709.1 | 699.1 | 687.9 | 679.9 |
| 7.5° | 825.5 | 807.6 | 788.4 | 768.6 | 748.9 | 731.3 | 715.8 | 702.5 | 686.6 | 670.5 | 659.2 |
| 10° | 862.6 | 836.5 | 809.5 | 781.9 | 756.7 | 733.1 | 714.9 | 697.0 | 677.9 | 659.3 | 645.4 |
| 12.5° | 896.4 | 862.1 | 830.9 | 796.9 | 764.8 | 736.5 | 710.3 | 689.2 | 666.2 | 646.5 | 630.6 |
| 15° | 939.1 | 903.9 | 866.3 | 814.7 | 771.9 | 736.1 | 704.3 | 676.6 | 648.7 | 624.5 | 609.0 |
| 17.5° | 979.0 | 926.1 | 875.5 | 832.4 | 776.9 | 732.1 | 693.2 | 660.2 | 629.6 | 603.9 | 584.8 |
| 20° | 995.5 | 944.3 | 889.3 | 834.4 | 779.8 | 729.8 | 684.5 | 648.1 | 616.2 | 587.1 | 569.5 |
| 22.5° | 1005.4 | 947.4 | 889.5 | 830.5 | 772.5 | 720.5 | 675.8 | 635.7 | 601.2 | 573.5 | 551.8 |
| 25° | 1017.1 | 947.8 | 884.2 | 825.9 | 766.8 | 710.3 | 657.2 | 614.7 | 577.4 | 548.0 | 524.9 |
| 27.5° | 1024.7 | 943.3 | 868.0 | 803.3 | 743.2 | 687.1 | 638.4 | 593.3 | 555.5 | 524.3 | 499.6 |
| 30° | 1026.2 | 939.7 | 855.6 | 785.5 | 724.5 | 673.0 | 621.4 | 578.3 | 538.3 | 505.2 | 482.1 |
| 32.5° | 1028.1 | 930.7 | 838.9 | 764.5 | 702.0 | 650.9 | 604.2 | 563.0 | 522.0 | 489.4 | 465.9 |
| 35° | 1020.1 | 925.7 | 813.5 | 727.9 | 665.4 | 615.9 | 573.8 | 535.8 | 495.5 | 463.9 | 440.0 |
| 37.5° | 985.6 | 906.0 | 787.1 | 686.7 | 621.4 | 575.6 | 541.2 | 508.2 | 471.2 | 437.1 | 414.5 |
| 40° | 950.9 | 886.6 | 766.8 | 661.8 | 593.5 | 546.4 | 515.5 | 488.5 | 452.7 | 420.8 | 396.6 |
| 42.5° | 899.2 | 860.2 | 747.3 | 635.6 | 561.9 | 516.6 | 490.5 | 465.2 | 433.8 | 401.4 | 378.6 |
| 45° | 804.4 | 809.5 | 707.6 | 593.8 | 518.2 | 472.7 | 448.1 | 430.6 | 402.7 | 376.0 | 352.6 |
| 47.5° | 685.4 | 733.6 | 660.9 | 549.3 | 472.2 | 429.4 | 408.0 | 392.6 | 373.8 | 347.6 | 326.3 |
| 50° | 607.8 | 676.6 | 623.5 | 519.4 | 443.3 | 400.8 | 379.6 | 367.2 | 350.8 | 330.1 | 309.8 |
| 52.5° | 536.1 | 610.1 | 578.4 | 486.2 | 412.0 | 373.1 | 352.4 | 342.1 | 329.2 | 309.7 | 291.4 |
| 55° | 437.2 | 512.1 | 504.9 | 436.0 | 365.0 | 330.1 | 314.3 | 302.9 | 294.0 | 279.5 | 264.9 |
| 57.5° | 353.6 | 424.7 | 428.5 | 380.2 | 323.6 | 289.1 | 275.6 | 266.9 | 261.1 | 250.2 | 236.7 |
| 60° | 301.0 | 366.2 | 379.0 | 342.5 | 294.0 | 263.6 | 250.3 | 243.4 | 238.8 | 230.0 | 219.7 |
| 62.5° | 257.3 | 312.8 | 327.3 | 301.0 | 265.6 | 237.2 | 226.8 | 220.1 | 217.0 | 209.4 | 200.3 |
| 65° | 196.9 | 243.0 | 257.0 | 242.4 | 223.9 | 201.1 | 192.7 | 186.9 | 184.2 | 179.9 | 173.3 |
| 67.5° | 148.1 | 181.7 | 197.0 | 186.7 | 180.1 | 165.6 | 160.3 | 157.2 | 154.7 | 151.9 | 146.2 |
| 70° | 118.9 | 143.9 | 159.6 | 156.9 | 151.4 | 143.9 | 139.9 | 137.8 | 135.3 | 132.9 | 128.0 |
| 72.5° | 95.6 | 112.7 | 127.5 | 129.0 | 124.5 | 122.9 | 119.5 | 118.6 | 117.1 | 114.2 | 111.5 |
| 75° | 63.5 | 75.3 | 85.6 | 89.5 | 91.3 | 92.8 | 91.3 | 91.0 | 90.7 | 88.3 | 86.7 |
| 77.5° | 41.6 | 47.9 | 54.4 | 61.2 | 64.0 | 66.1 | 66.5 | 67.7 | 66.9 | 65.6 | 64.9 |
| 80° | 31.8 | 33.4 | 37.9 | 43.7 | 48.2 | 50.1 | 51.3 | 51.9 | 51.6 | 51.3 | 50.1 |
| 82.5° | 23.1 | 24.4 | 26.5 | 30.6 | 34.4 | 37.5 | 38.2 | 38.0 | 38.7 | 38.9 | 37.9 |
| 85° | 12.4 | 12.8 | 13.4 | 13.9 | 16.1 | 19.4 | 20.4 | 20.9 | 21.5 | 21.5 | 19.7 |
| 87.5° | 6.2 | 5.5 | 5.7 | 5.4 | 5.8 | 5.8 | 7.0 | 7.9 | 8.4 | 7.7 | 8.0 |
| 90° | 11.2 | 9.5 | 7.7 | 6.1 | 4.8 | 3.4 | 2.0 | 0.6 | 2.0 | 3.4 | 4.8 |
| 92.5° | 21.8 | 20.8 | 19.7 | 18.7 | 17.8 | 16.9 | 15.9 | 15.0 | 15.9 | 16.9 | 17.8 |
| 95° | 43.6 | 42.5 | 41.4 | 40.4 | 39.5 | 38.5 | 37.5 | 36.5 | 37.5 | 38.5 | 39.5 |
| 97.5° | 70.1 | 69.3 | 68.5 | 67.8 | 67.0 | 66.3 | 65.6 | 64.9 | 65.6 | 66.3 | 67.0 |
| 100° | 89.7 | 89.0 | 88.3 | 87.5 | 86.7 | 85.9 | 85.1 | 84.2 | 85.1 | 85.9 | 86.7 |
| 102.5° | 111.1 | 110.1 | 109.2 | 108.5 | 108.1 | 107.5 | 107.0 | 106.5 | 107.0 | 107.5 | 108.1 |
| 105° | 143.7 | 142.4 | 141.2 | 140.5 | 140.2 | 139.9 | 139.7 | 139.3 | 139.7 | 139.9 | 140.2 |
| 107.5° | 179.5 | 179.0 | 178.5 | 178.2 | 178.0 | 177.8 | 177.7 | 177.5 | 177.7 | 177.8 | 178.0 |
| 110° | 203.2 | 203.0 | 202.6 | 202.4 | 202.1 | 201.8 | 201.5 | 201.3 | 201.5 | 201.8 | 202.1 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 227.0 | 226.9 | 226.8 | 226.7 | 226.6 | 226.4 | 226.2 | 226.1 | 226.2 | 226.4 | 226.6 |
| 115° | 264.4 | 264.7 | 265.0 | 264.9 | 264.4 | 264.0 | 263.6 | 263.2 | 263.6 | 264.0 | 264.4 |
| 117.5° | 301.0 | 301.3 | 301.7 | 301.7 | 301.4 | 301.2 | 301.0 | 300.6 | 301.0 | 301.2 | 301.4 |
| 120° | 325.9 | 326.6 | 327.3 | 327.3 | 326.4 | 325.6 | 324.7 | 323.9 | 324.7 | 325.6 | 326.4 |
| 122.5° | 350.1 | 350.4 | 350.8 | 350.6 | 350.0 | 349.4 | 348.8 | 348.2 | 348.8 | 349.4 | 350.0 |
| 125° | 386.4 | 386.7 | 387.0 | 386.9 | 386.5 | 386.0 | 385.6 | 385.2 | 385.6 | 386.0 | 386.5 |
| 127.5° | 422.6 | 422.9 | 423.3 | 422.9 | 422.1 | 421.2 | 420.3 | 419.5 | 420.3 | 421.2 | 422.1 |
| 130° | 446.2 | 446.6 | 446.9 | 446.6 | 445.5 | 444.4 | 443.3 | 442.2 | 443.3 | 444.4 | 445.5 |
| 132.5° | 469.2 | 469.5 | 469.8 | 469.4 | 468.3 | 467.2 | 466.1 | 465.0 | 466.1 | 467.2 | 468.3 |
| 135° | 503.2 | 503.4 | 503.5 | 503.1 | 502.3 | 501.5 | 500.7 | 499.8 | 500.7 | 501.5 | 502.3 |
| 137.5° | 536.0 | 535.7 | 535.3 | 534.8 | 534.1 | 533.4 | 532.7 | 532.0 | 532.7 | 533.4 | 534.1 |
| 140° | 557.8 | 557.6 | 557.5 | 557.1 | 556.4 | 555.7 | 555.0 | 554.3 | 555.0 | 555.7 | 556.4 |
| 142.5° | 578.4 | 578.1 | 577.9 | 577.4 | 576.7 | 576.0 | 575.4 | 574.6 | 575.4 | 576.0 | 576.7 |
| 145° | 608.6 | 608.2 | 607.8 | 607.4 | 607.2 | 606.9 | 606.7 | 606.3 | 606.7 | 606.9 | 607.2 |
| 147.5° | 637.3 | 636.9 | 636.5 | 636.1 | 635.6 | 635.1 | 634.6 | 634.1 | 634.6 | 635.1 | 635.6 |
| 150° | 655.4 | 655.1 | 654.8 | 654.5 | 654.3 | 653.9 | 653.7 | 653.4 | 653.7 | 653.9 | 654.3 |
| 152.5° | 671.5 | 671.3 | 671.1 | 670.8 | 670.4 | 670.0 | 669.6 | 669.3 | 669.6 | 670.0 | 670.4 |
| 155° | 694.7 | 694.5 | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 |
| 157.5° | 715.2 | 715.0 | 714.9 | 714.9 | 715.1 | 715.3 | 715.4 | 715.6 | 715.4 | 715.3 | 715.1 |
| 160° | 727.8 | 727.8 | 727.8 | 727.9 | 728.2 | 728.4 | 728.7 | 729.0 | 728.7 | 728.4 | 728.2 |
| 162.5° | 739.4 | 739.3 | 739.2 | 739.3 | 739.7 | 740.1 | 740.5 | 740.8 | 740.5 | 740.1 | 739.7 |
| 165° | 754.4 | 754.4 | 754.4 | 754.6 | 755.0 | 755.4 | 755.8 | 756.2 | 755.8 | 755.4 | 755.0 |
| 167.5° | 766.3 | 766.2 | 766.1 | 766.3 | 766.8 | 767.4 | 767.9 | 768.5 | 767.9 | 767.4 | 766.8 |
| 170° | 772.9 | 772.9 | 772.9 | 773.2 | 773.8 | 774.4 | 774.9 | 775.5 | 774.9 | 774.4 | 773.8 |
| 172.5° | 778.4 | 778.4 | 778.4 | 778.7 | 779.3 | 779.8 | 780.4 | 780.9 | 780.4 | 779.8 | 779.3 |
| 175° | 784.1 | 784.1 | 784.1 | 784.4 | 785.0 | 785.5 | 786.0 | 786.6 | 786.0 | 785.5 | 785.0 |
| 177.5° | 787.0 | 787.0 | 787.0 | 787.2 | 787.6 | 788.1 | 788.5 | 788.9 | 788.5 | 788.1 | 787.6 |
| 180° | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5° | 696.6 | 693.5 | 691.3 | 686.4 | 683.3 | 679.9 | 676.5 | 678.7 | 678.4 | 678.2 | 678.2 |
| 5° | 673.3 | 666.3 | 660.0 | 651.7 | 646.6 | 640.2 | 635.3 | 634.8 | 636.0 | 631.7 | 629.3 |
| 7.5° | 650.1 | 640.6 | 631.5 | 622.5 | 612.9 | 605.2 | 600.5 | 598.3 | 595.2 | 592.6 | 589.8 |
| 10° | 633.8 | 622.7 | 613.8 | 602.6 | 592.3 | 583.2 | 577.4 | 573.5 | 571.3 | 569.2 | 565.3 |
| 12.5° | 617.1 | 606.1 | 594.8 | 582.2 | 572.4 | 561.8 | 557.5 | 553.1 | 549.0 | 546.6 | 541.2 |
| 15° | 592.6 | 578.3 | 566.5 | 553.1 | 542.2 | 531.9 | 525.9 | 517.1 | 515.8 | 512.8 | 507.3 |
| 17.5° | 568.0 | 552.5 | 536.2 | 526.3 | 514.0 | 503.3 | 494.0 | 491.1 | 482.4 | 479.1 | 474.4 |
| 20° | 548.6 | 534.3 | 521.9 | 508.8 | 490.9 | 480.9 | 473.6 | 469.7 | 462.7 | 458.4 | 455.4 |
| 22.5° | 531.9 | 517.3 | 503.0 | 487.7 | 472.9 | 461.8 | 456.4 | 450.3 | 446.5 | 440.5 | 437.2 |
| 25° | 507.9 | 492.2 | 474.8 | 458.4 | 447.8 | 439.3 | 430.9 | 425.4 | 419.9 | 417.2 | 411.1 |
| 27.5° | 480.1 | 463.7 | 447.5 | 435.1 | 422.0 | 413.6 | 405.9 | 401.1 | 394.5 | 389.9 | 386.6 |
| 30° | 464.9 | 445.4 | 431.5 | 420.3 | 403.5 | 395.7 | 389.9 | 383.8 | 379.0 | 374.1 | 370.7 |
| 32.5° | 447.1 | 429.4 | 416.1 | 402.3 | 389.4 | 380.9 | 373.4 | 368.0 | 363.9 | 359.3 | 356.0 |
| 35° | 419.3 | 404.5 | 390.8 | 376.8 | 367.4 | 358.6 | 349.8 | 345.3 | 341.4 | 337.1 | 334.1 |
| 37.5° | 394.2 | 380.3 | 367.3 | 354.1 | 342.5 | 335.3 | 328.2 | 324.7 | 319.4 | 316.6 | 313.5 |
| 40° | 378.7 | 365.0 | 351.1 | 338.3 | 326.1 | 320.8 | 314.3 | 309.2 | 304.4 | 302.2 | 298.9 |
| 42.5° | 361.7 | 348.0 | 336.3 | 322.5 | 312.6 | 305.1 | 299.3 | 293.7 | 290.0 | 286.9 | 285.0 |
| 45° | 336.5 | 324.3 | 312.8 | 299.2 | 289.8 | 283.4 | 276.7 | 271.6 | 268.2 | 266.1 | 262.8 |
| 47.5° | 312.0 | 299.9 | 288.2 | 276.3 | 267.2 | 259.9 | 253.3 | 249.6 | 245.3 | 242.6 | 240.3 |
| 50° | 294.3 | 283.4 | 270.9 | 260.0 | 251.0 | 243.7 | 238.2 | 233.6 | 229.7 | 226.3 | 224.8 |
| 52.5° | 278.1 | 266.4 | 255.6 | 245.5 | 235.9 | 227.6 | 222.7 | 217.9 | 214.9 | 211.0 | 209.3 |
| 55° | 251.2 | 240.0 | 230.9 | 220.9 | 211.5 | 204.5 | 198.4 | 194.2 | 191.2 | 186.9 | 184.5 |
| 57.5° | 226.0 | 215.9 | 205.1 | 196.5 | 186.7 | 180.9 | 175.8 | 170.0 | 166.4 | 163.0 | 160.7 |
| 60° | 209.1 | 197.5 | 188.1 | 179.9 | 171.4 | 163.8 | 159.3 | 154.7 | 150.8 | 147.4 | 145.4 |
| 62.5° | 191.3 | 181.3 | 172.4 | 163.4 | 155.7 | 149.0 | 143.8 | 139.9 | 136.5 | 134.4 | 132.2 |
| 65° | 164.1 | 156.3 | 147.2 | 139.9 | 132.6 | 127.8 | 123.5 | 120.2 | 117.7 | 116.2 | 114.4 |
| 67.5° | 139.2 | 131.5 | 123.6 | 116.4 | 111.5 | 107.8 | 105.0 | 102.2 | 101.0 | 99.0 | 97.8 |
| 70° | 122.9 | 115.0 | 108.1 | 102.6 | 97.7 | 95.0 | 93.2 | 91.0 | 89.8 | 87.4 | 86.2 |
| 72.5° | 105.2 | 99.5 | 94.4 | 89.9 | 86.0 | 83.6 | 81.3 | 78.7 | 76.7 | 74.1 | 72.8 |
| 75° | 82.9 | 77.7 | 73.8 | 70.7 | 68.3 | 65.0 | 61.6 | 58.9 | 58.0 | 57.0 | 56.7 |
| 77.5° | 61.3 | 58.1 | 55.2 | 52.7 | 49.7 | 47.2 | 46.5 | 45.9 | 45.7 | 45.2 | 45.2 |
| 80° | 48.2 | 45.2 | 43.1 | 40.1 | 38.3 | 38.3 | 38.3 | 37.6 | 37.9 | 37.9 | 37.9 |
| 82.5° | 35.9 | 33.0 | 31.9 | 30.8 | 30.5 | 30.7 | 30.7 | 30.8 | 30.7 | 31.1 | 30.9 |
| 85° | 18.5 | 18.8 | 19.4 | 19.1 | 19.4 | 19.4 | 20.0 | 19.7 | 20.0 | 19.4 | 20.0 |
| 87.5° | 8.0 | 9.0 | 9.7 | 10.3 | 10.9 | 11.0 | 11.3 | 11.4 | 11.8 | 11.9 | 12.0 |
| 90° | 6.1 | 7.7 | 9.5 | 11.2 | 13.1 | 14.9 | 15.4 | 16.0 | 16.5 | 17.0 | 17.5 |
| 92.5° | 18.7 | 19.7 | 20.8 | 21.8 | 22.7 | 23.8 | 24.2 | 24.6 | 25.1 | 25.5 | 25.7 |
| 95° | 40.4 | 41.4 | 42.5 | 43.6 | 44.8 | 45.9 | 46.4 | 46.9 | 47.5 | 48.0 | 48.3 |
| 97.5° | 67.8 | 68.5 | 69.3 | 70.1 | 70.9 | 71.7 | 72.3 | 73.0 | 73.6 | 74.2 | 74.5 |
| 100° | 87.5 | 88.3 | 89.0 | 89.7 | 90.4 | 91.0 | 91.5 | 91.9 | 92.3 | 92.7 | 93.1 |
| 102.5° | 108.5 | 109.2 | 110.1 | 111.1 | 111.9 | 112.9 | 113.3 | 113.7 | 114.1 | 114.5 | 114.7 |
| 105° | 140.5 | 141.2 | 142.4 | 143.7 | 145.0 | 146.2 | 146.2 | 146.2 | 146.2 | 146.2 | 146.3 |
| 107.5° | 178.2 | 178.5 | 179.0 | 179.5 | 180.0 | 180.5 | 180.9 | 181.3 | 181.8 | 182.3 | 182.4 |
| 110° | 202.4 | 202.6 | 203.0 | 203.2 | 203.5 | 203.7 | 204.3 | 204.9 | 205.4 | 206.0 | 206.1 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 226.7 | 226.8 | 226.9 | 227.0 | 227.0 | 227.0 | 227.8 | 228.4 | 229.0 | 229.7 | 230.0 |
| 115° | 264.9 | 265.0 | 264.7 | 264.4 | 264.1 | 263.9 | 264.0 | 264.1 | 264.3 | 264.4 | 264.4 |
| 117.5° | 301.7 | 301.7 | 301.3 | 301.0 | 300.6 | 300.2 | 300.2 | 300.2 | 300.2 | 300.2 | 299.9 |
| 120° | 327.3 | 327.3 | 326.6 | 325.9 | 325.3 | 324.6 | 324.4 | 324.2 | 324.2 | 324.0 | 323.8 |
| 122.5° | 350.6 | 350.8 | 350.4 | 350.1 | 349.7 | 349.4 | 349.0 | 348.6 | 348.2 | 347.9 | 347.5 |
| 125° | 386.9 | 387.0 | 386.7 | 386.4 | 386.1 | 385.9 | 385.3 | 384.8 | 384.2 | 383.7 | 383.1 |
| 127.5° | 422.9 | 423.3 | 422.9 | 422.6 | 422.3 | 422.0 | 421.3 | 420.5 | 419.7 | 419.0 | 418.3 |
| 130° | 446.6 | 446.9 | 446.6 | 446.2 | 445.8 | 445.3 | 444.7 | 444.3 | 443.7 | 443.1 | 442.4 |
| 132.5° | 469.4 | 469.8 | 469.5 | 469.2 | 468.9 | 468.6 | 467.9 | 467.3 | 466.6 | 466.0 | 465.2 |
| 135° | 503.1 | 503.5 | 503.4 | 503.2 | 503.0 | 503.0 | 502.4 | 501.8 | 501.3 | 500.7 | 500.3 |
| 137.5° | 534.8 | 535.3 | 535.7 | 536.0 | 536.4 | 536.7 | 536.1 | 535.6 | 535.0 | 534.4 | 533.9 |
| 140° | 557.1 | 557.5 | 557.6 | 557.8 | 557.9 | 558.0 | 557.9 | 557.8 | 557.6 | 557.5 | 557.0 |
| 142.5° | 577.4 | 577.9 | 578.1 | 578.4 | 578.6 | 578.8 | 578.7 | 578.6 | 578.5 | 578.3 | 577.9 |
| 145° | 607.4 | 607.8 | 608.2 | 608.6 | 609.0 | 609.4 | 609.3 | 609.2 | 609.0 | 608.9 | 608.6 |
| 147.5° | 636.1 | 636.5 | 636.9 | 637.3 | 637.7 | 638.1 | 638.1 | 638.1 | 638.1 | 638.1 | 637.6 |
| 150° | 654.5 | 654.8 | 655.1 | 655.4 | 655.6 | 655.9 | 655.9 | 655.9 | 655.9 | 655.9 | 655.5 |
| 152.5° | 670.8 | 671.1 | 671.3 | 671.5 | 671.6 | 671.8 | 672.0 | 672.2 | 672.4 | 672.6 | 672.4 |
| 155° | 694.3 | 694.3 | 694.5 | 694.7 | 694.8 | 694.9 | 695.5 | 696.0 | 696.6 | 697.1 | 696.9 |
| 157.5° | 714.9 | 714.9 | 715.0 | 715.2 | 715.3 | 715.3 | 716.0 | 716.5 | 717.1 | 717.6 | 717.6 |
| 160° | 727.9 | 727.8 | 727.8 | 727.8 | 727.8 | 727.8 | 728.4 | 729.1 | 729.8 | 730.5 | 730.6 |
| 162.5° | 739.3 | 739.2 | 739.3 | 739.4 | 739.5 | 739.7 | 740.3 | 741.0 | 741.7 | 742.4 | 742.3 |
| 165° | 754.6 | 754.4 | 754.4 | 754.4 | 754.4 | 754.4 | 755.2 | 756.1 | 756.9 | 757.7 | 757.6 |
| 167.5° | 766.3 | 766.1 | 766.2 | 766.3 | 766.4 | 766.5 | 767.4 | 768.3 | 769.1 | 769.9 | 769.9 |
| 170° | 773.2 | 772.9 | 772.9 | 772.9 | 772.9 | 772.9 | 774.0 | 774.9 | 775.9 | 776.8 | 776.8 |
| 172.5° | 778.7 | 778.4 | 778.4 | 778.4 | 778.4 | 778.4 | 779.3 | 780.1 | 781.0 | 781.8 | 781.8 |
| 175° | 784.4 | 784.1 | 784.1 | 784.1 | 784.1 | 784.1 | 785.0 | 785.8 | 786.6 | 787.4 | 787.3 |
| 177.5° | 787.2 | 787.0 | 787.0 | 787.0 | 787.0 | 787.0 | 787.6 | 788.3 | 788.9 | 789.6 | 789.6 |
| 180° | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5° | 675.3 | 675.0 | 675.3 | 674.3 | 675.3 | 675.0 | 675.3 | 678.2 | 678.2 | 678.4 | 678.7 |
| 5° | 628.4 | 628.0 | 627.2 | 624.5 | 627.2 | 628.0 | 628.4 | 629.3 | 631.7 | 636.0 | 634.8 |
| 7.5° | 587.4 | 587.0 | 584.3 | 584.4 | 584.3 | 587.0 | 587.4 | 589.8 | 592.6 | 595.2 | 598.3 |
| 10° | 563.2 | 563.5 | 559.8 | 557.7 | 559.8 | 563.5 | 563.2 | 565.3 | 569.2 | 571.3 | 573.5 |
| 12.5° | 539.6 | 538.2 | 535.3 | 532.9 | 535.3 | 538.2 | 539.6 | 541.2 | 546.6 | 549.0 | 553.1 |
| 15° | 508.5 | 505.5 | 498.2 | 498.8 | 498.2 | 505.5 | 508.5 | 507.3 | 512.8 | 515.8 | 517.1 |
| 17.5° | 471.9 | 469.7 | 469.6 | 465.3 | 469.6 | 469.7 | 471.9 | 474.4 | 479.1 | 482.4 | 491.1 |
| 20° | 450.6 | 449.1 | 449.6 | 445.4 | 449.6 | 449.1 | 450.6 | 455.4 | 458.4 | 462.7 | 469.7 |
| 22.5° | 433.8 | 432.3 | 429.8 | 428.4 | 429.8 | 432.3 | 433.8 | 437.2 | 440.5 | 446.5 | 450.3 |
| 25° | 409.3 | 406.9 | 404.5 | 406.0 | 404.5 | 406.9 | 409.3 | 411.1 | 417.2 | 419.9 | 425.4 |
| 27.5° | 384.8 | 382.9 | 380.6 | 380.2 | 380.6 | 382.9 | 384.8 | 386.6 | 389.9 | 394.5 | 401.1 |
| 30° | 369.2 | 367.4 | 366.2 | 364.7 | 366.2 | 367.4 | 369.2 | 370.7 | 374.1 | 379.0 | 383.8 |
| 32.5° | 353.5 | 353.2 | 350.9 | 350.6 | 350.9 | 353.2 | 353.5 | 356.0 | 359.3 | 363.9 | 368.0 |
| 35° | 332.9 | 331.1 | 330.4 | 330.7 | 330.4 | 331.1 | 332.9 | 334.1 | 337.1 | 341.4 | 345.3 |
| 37.5° | 313.2 | 310.9 | 309.7 | 308.6 | 309.7 | 310.9 | 313.2 | 313.5 | 316.6 | 319.4 | 324.7 |
| 40° | 299.2 | 296.8 | 296.1 | 295.6 | 296.1 | 296.8 | 299.2 | 298.9 | 302.2 | 304.4 | 309.2 |
| 42.5° | 283.4 | 282.4 | 282.1 | 281.0 | 282.1 | 282.4 | 283.4 | 285.0 | 286.9 | 290.0 | 293.7 |
| 45° | 261.8 | 261.6 | 259.8 | 260.3 | 259.8 | 261.6 | 261.8 | 262.8 | 266.1 | 268.2 | 271.6 |
| 47.5° | 239.2 | 237.8 | 236.5 | 237.4 | 236.5 | 237.8 | 239.2 | 240.3 | 242.6 | 245.3 | 249.6 |
| 50° | 223.6 | 223.0 | 220.3 | 220.9 | 220.3 | 223.0 | 223.6 | 224.8 | 226.3 | 229.7 | 233.6 |
| 52.5° | 208.1 | 205.8 | 204.8 | 204.4 | 204.8 | 205.8 | 208.1 | 209.3 | 211.0 | 214.9 | 217.9 |
| 55° | 182.4 | 179.6 | 178.4 | 177.8 | 178.4 | 179.6 | 182.4 | 184.5 | 186.9 | 191.2 | 194.2 |
| 57.5° | 157.1 | 156.4 | 155.4 | 156.1 | 155.4 | 156.4 | 157.1 | 160.7 | 163.0 | 166.4 | 170.0 |
| 60° | 142.3 | 142.3 | 142.3 | 142.0 | 142.3 | 142.3 | 142.3 | 145.4 | 147.4 | 150.8 | 154.7 |
| 62.5° | 130.9 | 130.2 | 129.9 | 130.3 | 129.9 | 130.2 | 130.9 | 132.2 | 134.4 | 136.5 | 139.9 |
| 65° | 113.4 | 113.2 | 111.9 | 111.7 | 111.9 | 113.2 | 113.4 | 114.4 | 116.2 | 117.7 | 120.2 |
| 67.5° | 97.0 | 95.9 | 95.6 | 95.1 | 95.6 | 95.9 | 97.0 | 97.8 | 99.0 | 101.0 | 102.2 |
| 70° | 84.7 | 84.1 | 82.2 | 82.5 | 82.2 | 84.1 | 84.7 | 86.2 | 87.4 | 89.8 | 91.0 |
| 72.5° | 71.3 | 70.7 | 70.3 | 69.9 | 70.3 | 70.7 | 71.3 | 72.8 | 74.1 | 76.7 | 78.7 |
| 75° | 56.4 | 56.2 | 55.8 | 57.0 | 55.8 | 56.2 | 56.4 | 56.7 | 57.0 | 58.0 | 58.9 |
| 77.5° | 45.2 | 45.2 | 45.4 | 44.9 | 45.4 | 45.2 | 45.2 | 45.2 | 45.2 | 45.7 | 45.9 |
| 80° | 37.9 | 37.9 | 37.6 | 37.6 | 37.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.6 |
| 82.5° | 30.4 | 30.7 | 30.8 | 30.3 | 30.8 | 30.7 | 30.4 | 30.9 | 31.1 | 30.7 | 30.8 |
| 85° | 20.0 | 19.7 | 20.4 | 20.0 | 20.4 | 19.7 | 20.0 | 20.0 | 19.4 | 20.0 | 19.7 |
| 87.5° | 12.5 | 12.1 | 12.1 | 12.4 | 12.1 | 12.1 | 12.5 | 12.0 | 11.9 | 11.8 | 11.4 |
| 90° | 17.7 | 18.1 | 18.3 | 18.6 | 18.3 | 18.1 | 17.7 | 17.5 | 17.0 | 16.5 | 16.0 |
| 92.5° | 25.5 | 25.3 | 25.2 | 25.0 | 25.2 | 25.3 | 25.5 | 25.7 | 25.5 | 25.1 | 24.6 |
| 95° | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.0 | 47.5 | 46.9 |
| 97.5° | 74.5 | 74.5 | 74.4 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.2 | 73.6 | 73.0 |
| 100° | 93.3 | 93.6 | 93.9 | 94.1 | 93.9 | 93.6 | 93.3 | 93.1 | 92.7 | 92.3 | 91.9 |
| 102.5° | 114.6 | 114.5 | 114.5 | 114.5 | 114.5 | 114.5 | 114.6 | 114.7 | 114.5 | 114.1 | 113.7 |
| 105° | 146.6 | 146.9 | 147.1 | 147.4 | 147.1 | 146.9 | 146.6 | 146.3 | 146.2 | 146.2 | 146.2 |
| 107.5° | 182.2 | 182.0 | 181.9 | 181.7 | 181.9 | 182.0 | 182.2 | 182.4 | 182.3 | 181.8 | 181.3 |
| 110° | 205.8 | 205.6 | 205.3 | 205.0 | 205.3 | 205.6 | 205.8 | 206.1 | 206.0 | 205.4 | 204.9 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 230.0 | 229.9 | 229.8 | 229.8 | 229.8 | 229.9 | 230.0 | 230.0 | 229.7 | 229.0 | 228.4 |
| 115° | 264.3 | 264.1 | 264.0 | 263.9 | 264.0 | 264.1 | 264.3 | 264.4 | 264.4 | 264.3 | 264.1 |
| 117.5° | 299.6 | 299.2 | 298.8 | 298.4 | 298.8 | 299.2 | 299.6 | 299.9 | 300.2 | 300.2 | 300.2 |
| 120° | 323.5 | 323.2 | 323.0 | 322.7 | 323.0 | 323.2 | 323.5 | 323.8 | 324.0 | 324.2 | 324.2 |
| 122.5° | 347.1 | 346.7 | 346.3 | 345.9 | 346.3 | 346.7 | 347.1 | 347.5 | 347.9 | 348.2 | 348.6 |
| 125° | 382.5 | 382.0 | 381.4 | 380.9 | 381.4 | 382.0 | 382.5 | 383.1 | 383.7 | 384.2 | 384.8 |
| 127.5° | 417.6 | 417.0 | 416.4 | 415.7 | 416.4 | 417.0 | 417.6 | 418.3 | 419.0 | 419.7 | 420.5 |
| 130° | 441.4 | 440.5 | 439.5 | 438.5 | 439.5 | 440.5 | 441.4 | 442.4 | 443.1 | 443.7 | 444.3 |
| 132.5° | 464.5 | 463.7 | 463.0 | 462.3 | 463.0 | 463.7 | 464.5 | 465.2 | 466.0 | 466.6 | 467.3 |
| 135° | 500.0 | 499.8 | 499.5 | 499.2 | 499.5 | 499.8 | 500.0 | 500.3 | 500.7 | 501.3 | 501.8 |
| 137.5° | 533.4 | 532.8 | 532.3 | 531.8 | 532.3 | 532.8 | 533.4 | 533.9 | 534.4 | 535.0 | 535.6 |
| 140° | 556.0 | 555.0 | 554.1 | 553.1 | 554.1 | 555.0 | 556.0 | 557.0 | 557.5 | 557.6 | 557.8 |
| 142.5° | 577.1 | 576.4 | 575.6 | 574.9 | 575.6 | 576.4 | 577.1 | 577.9 | 578.3 | 578.5 | 578.6 |
| 145° | 608.0 | 607.4 | 606.9 | 606.3 | 606.9 | 607.4 | 608.0 | 608.6 | 608.9 | 609.0 | 609.2 |
| 147.5° | 636.8 | 636.0 | 635.2 | 634.4 | 635.2 | 636.0 | 636.8 | 637.6 | 638.1 | 638.1 | 638.1 |
| 150° | 654.7 | 653.9 | 653.0 | 652.2 | 653.0 | 653.9 | 654.7 | 655.5 | 655.9 | 655.9 | 655.9 |
| 152.5° | 671.7 | 671.0 | 670.3 | 669.6 | 670.3 | 671.0 | 671.7 | 672.4 | 672.6 | 672.4 | 672.2 |
| 155° | 695.9 | 695.0 | 694.0 | 693.1 | 694.0 | 695.0 | 695.9 | 696.9 | 697.1 | 696.6 | 696.0 |
| 157.5° | 716.8 | 716.1 | 715.3 | 714.5 | 715.3 | 716.1 | 716.8 | 717.6 | 717.6 | 717.1 | 716.5 |
| 160° | 730.0 | 729.4 | 728.9 | 728.3 | 728.9 | 729.4 | 730.0 | 730.6 | 730.5 | 729.8 | 729.1 |
| 162.5° | 741.4 | 740.5 | 739.7 | 738.8 | 739.7 | 740.5 | 741.4 | 742.3 | 742.4 | 741.7 | 741.0 |
| 165° | 756.7 | 755.7 | 754.7 | 753.8 | 754.7 | 755.7 | 756.7 | 757.6 | 757.7 | 756.9 | 756.1 |
| 167.5° | 769.1 | 768.3 | 767.4 | 766.5 | 767.4 | 768.3 | 769.1 | 769.9 | 769.9 | 769.1 | 768.3 |
| 170° | 775.9 | 774.9 | 774.0 | 772.9 | 774.0 | 774.9 | 775.9 | 776.8 | 776.8 | 775.9 | 774.9 |
| 172.5° | 780.8 | 779.8 | 778.9 | 777.9 | 778.9 | 779.8 | 780.8 | 781.8 | 781.8 | 781.0 | 780.1 |
| 175° | 786.4 | 785.4 | 784.4 | 783.5 | 784.4 | 785.4 | 786.4 | 787.3 | 787.4 | 786.6 | 785.8 |
| 177.5° | 788.8 | 788.0 | 787.3 | 786.5 | 787.3 | 788.0 | 788.8 | 789.6 | 789.6 | 788.9 | 788.3 |
| 180° | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5° | 676.5 | 679.9 | 683.3 | 686.4 | 691.3 | 693.5 | 696.6 | 697.8 | 701.5 | 706.9 | 711.2 |
| 5° | 635.3 | 640.2 | 646.6 | 651.7 | 660.0 | 666.3 | 673.3 | 679.9 | 687.9 | 699.1 | 709.1 |
| 7.5° | 600.5 | 605.2 | 612.9 | 622.5 | 631.5 | 640.6 | 650.1 | 659.2 | 670.5 | 686.6 | 702.5 |
| 10° | 577.4 | 583.2 | 592.3 | 602.6 | 613.8 | 622.7 | 633.8 | 645.4 | 659.3 | 677.9 | 697.0 |
| 12.5° | 557.5 | 561.8 | 572.4 | 582.2 | 594.8 | 606.1 | 617.1 | 630.6 | 646.5 | 666.2 | 689.2 |
| 15° | 525.9 | 531.9 | 542.2 | 553.1 | 566.5 | 578.3 | 592.6 | 609.0 | 624.5 | 648.7 | 676.6 |
| 17.5° | 494.0 | 503.3 | 514.0 | 526.3 | 536.2 | 552.5 | 568.0 | 584.8 | 603.9 | 629.6 | 660.2 |
| 20° | 473.6 | 480.9 | 490.9 | 508.8 | 521.9 | 534.3 | 548.6 | 569.5 | 587.1 | 616.2 | 648.1 |
| 22.5° | 456.4 | 461.8 | 472.9 | 487.7 | 503.0 | 517.3 | 531.9 | 551.8 | 573.5 | 601.2 | 635.7 |
| 25° | 430.9 | 439.3 | 447.8 | 458.4 | 474.8 | 492.2 | 507.9 | 524.9 | 548.0 | 577.4 | 614.7 |
| 27.5° | 405.9 | 413.6 | 422.0 | 435.1 | 447.5 | 463.7 | 480.1 | 499.6 | 524.3 | 555.5 | 593.3 |
| 30° | 389.9 | 395.7 | 403.5 | 420.3 | 431.5 | 445.4 | 464.9 | 482.1 | 505.2 | 538.3 | 578.3 |
| 32.5° | 373.4 | 380.9 | 389.4 | 402.3 | 416.1 | 429.4 | 447.1 | 465.9 | 489.4 | 522.0 | 563.0 |
| 35° | 349.8 | 358.6 | 367.4 | 376.8 | 390.8 | 404.5 | 419.3 | 440.0 | 463.9 | 495.5 | 535.8 |
| 37.5° | 328.2 | 335.3 | 342.5 | 354.1 | 367.3 | 380.3 | 394.2 | 414.5 | 437.1 | 471.2 | 508.2 |
| 40° | 314.3 | 320.8 | 326.1 | 338.3 | 351.1 | 365.0 | 378.7 | 396.6 | 420.8 | 452.7 | 488.5 |
| 42.5° | 299.3 | 305.1 | 312.6 | 322.5 | 336.3 | 348.0 | 361.7 | 378.6 | 401.4 | 433.8 | 465.2 |
| 45° | 276.7 | 283.4 | 289.8 | 299.2 | 312.8 | 324.3 | 336.5 | 352.6 | 376.0 | 402.7 | 430.6 |
| 47.5° | 253.3 | 259.9 | 267.2 | 276.3 | 288.2 | 299.9 | 312.0 | 326.3 | 347.6 | 373.8 | 392.6 |
| 50° | 238.2 | 243.7 | 251.0 | 260.0 | 270.9 | 283.4 | 294.3 | 309.8 | 330.1 | 350.8 | 367.2 |
| 52.5° | 222.7 | 227.6 | 235.9 | 245.5 | 255.6 | 266.4 | 278.1 | 291.4 | 309.7 | 329.2 | 342.1 |
| 55° | 198.4 | 204.5 | 211.5 | 220.9 | 230.9 | 240.0 | 251.2 | 264.9 | 279.5 | 294.0 | 302.9 |
| 57.5° | 175.8 | 180.9 | 186.7 | 196.5 | 205.1 | 215.9 | 226.0 | 236.7 | 250.2 | 261.1 | 266.9 |
| 60° | 159.3 | 163.8 | 171.4 | 179.9 | 188.1 | 197.5 | 209.1 | 219.7 | 230.0 | 238.8 | 243.4 |
| 62.5° | 143.8 | 149.0 | 155.7 | 163.4 | 172.4 | 181.3 | 191.3 | 200.3 | 209.4 | 217.0 | 220.1 |
| 65° | 123.5 | 127.8 | 132.6 | 139.9 | 147.2 | 156.3 | 164.1 | 173.3 | 179.9 | 184.2 | 186.9 |
| 67.5° | 105.0 | 107.8 | 111.5 | 116.4 | 123.6 | 131.5 | 139.2 | 146.2 | 151.9 | 154.7 | 157.2 |
| 70° | 93.2 | 95.0 | 97.7 | 102.6 | 108.1 | 115.0 | 122.9 | 128.0 | 132.9 | 135.3 | 137.8 |
| 72.5° | 81.3 | 83.6 | 86.0 | 89.9 | 94.4 | 99.5 | 105.2 | 111.5 | 114.2 | 117.1 | 118.6 |
| 75° | 61.6 | 65.0 | 68.3 | 70.7 | 73.8 | 77.7 | 82.9 | 86.7 | 88.3 | 90.7 | 91.0 |
| 77.5° | 46.5 | 47.2 | 49.7 | 52.7 | 55.2 | 58.1 | 61.3 | 64.9 | 65.6 | 66.9 | 67.7 |
| 80° | 38.3 | 38.3 | 38.3 | 40.1 | 43.1 | 45.2 | 48.2 | 50.1 | 51.3 | 51.6 | 51.9 |
| 82.5° | 30.7 | 30.7 | 30.5 | 30.8 | 31.9 | 33.0 | 35.9 | 37.9 | 38.9 | 38.7 | 38.0 |
| 85° | 20.0 | 19.4 | 19.4 | 19.1 | 19.4 | 18.8 | 18.5 | 19.7 | 21.5 | 21.5 | 20.9 |
| 87.5° | 11.3 | 11.0 | 10.9 | 10.3 | 9.7 | 9.0 | 8.0 | 8.0 | 7.7 | 8.4 | 7.9 |
| 90° | 15.4 | 14.9 | 13.1 | 11.2 | 9.5 | 7.7 | 6.1 | 4.8 | 3.4 | 2.0 | 0.6 |
| 92.5° | 24.2 | 23.8 | 22.7 | 21.8 | 20.8 | 19.7 | 18.7 | 17.8 | 16.9 | 15.9 | 15.0 |
| 95° | 46.4 | 45.9 | 44.8 | 43.6 | 42.5 | 41.4 | 40.4 | 39.5 | 38.5 | 37.5 | 36.5 |
| 97.5° | 72.3 | 71.7 | 70.9 | 70.1 | 69.3 | 68.5 | 67.8 | 67.0 | 66.3 | 65.6 | 64.9 |
| 100° | 91.5 | 91.0 | 90.4 | 89.7 | 89.0 | 88.3 | 87.5 | 86.7 | 85.9 | 85.1 | 84.2 |
| 102.5° | 113.3 | 112.9 | 111.9 | 111.1 | 110.1 | 109.2 | 108.5 | 108.1 | 107.5 | 107.0 | 106.5 |
| 105° | 146.2 | 146.2 | 145.0 | 143.7 | 142.4 | 141.2 | 140.5 | 140.2 | 139.9 | 139.7 | 139.3 |
| 107.5° | 180.9 | 180.5 | 180.0 | 179.5 | 179.0 | 178.5 | 178.2 | 178.0 | 177.8 | 177.7 | 177.5 |
| 110° | 204.3 | 203.7 | 203.5 | 203.2 | 203.0 | 202.6 | 202.4 | 202.1 | 201.8 | 201.5 | 201.3 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 227.8 | 227.0 | 227.0 | 227.0 | 226.9 | 226.8 | 226.7 | 226.6 | 226.4 | 226.2 | 226.1 |
| 115° | 264.0 | 263.9 | 264.1 | 264.4 | 264.7 | 265.0 | 264.9 | 264.4 | 264.0 | 263.6 | 263.2 |
| 117.5° | 300.2 | 300.2 | 300.6 | 301.0 | 301.3 | 301.7 | 301.7 | 301.4 | 301.2 | 301.0 | 300.6 |
| 120° | 324.4 | 324.6 | 325.3 | 325.9 | 326.6 | 327.3 | 327.3 | 326.4 | 325.6 | 324.7 | 323.9 |
| 122.5° | 349.0 | 349.4 | 349.7 | 350.1 | 350.4 | 350.8 | 350.6 | 350.0 | 349.4 | 348.8 | 348.2 |
| 125° | 385.3 | 385.9 | 386.1 | 386.4 | 386.7 | 387.0 | 386.9 | 386.5 | 386.0 | 385.6 | 385.2 |
| 127.5° | 421.3 | 422.0 | 422.3 | 422.6 | 422.9 | 423.3 | 422.9 | 422.1 | 421.2 | 420.3 | 419.5 |
| 130° | 444.7 | 445.3 | 445.8 | 446.2 | 446.6 | 446.9 | 446.6 | 445.5 | 444.4 | 443.3 | 442.2 |
| 132.5° | 467.9 | 468.6 | 468.9 | 469.2 | 469.5 | 469.8 | 469.4 | 468.3 | 467.2 | 466.1 | 465.0 |
| 135° | 502.4 | 503.0 | 503.0 | 503.2 | 503.4 | 503.5 | 503.1 | 502.3 | 501.5 | 500.7 | 499.8 |
| 137.5° | 536.1 | 536.7 | 536.4 | 536.0 | 535.7 | 535.3 | 534.8 | 534.1 | 533.4 | 532.7 | 532.0 |
| 140° | 557.9 | 558.0 | 557.9 | 557.8 | 557.6 | 557.5 | 557.1 | 556.4 | 555.7 | 555.0 | 554.3 |
| 142.5° | 578.7 | 578.8 | 578.6 | 578.4 | 578.1 | 577.9 | 577.4 | 576.7 | 576.0 | 575.4 | 574.6 |
| 145° | 609.3 | 609.4 | 609.0 | 608.6 | 608.2 | 607.8 | 607.4 | 607.2 | 606.9 | 606.7 | 606.3 |
| 147.5° | 638.1 | 638.1 | 637.7 | 637.3 | 636.9 | 636.5 | 636.1 | 635.6 | 635.1 | 634.6 | 634.1 |
| 150° | 655.9 | 655.9 | 655.6 | 655.4 | 655.1 | 654.8 | 654.5 | 654.3 | 653.9 | 653.7 | 653.4 |
| 152.5° | 672.0 | 671.8 | 671.6 | 671.5 | 671.3 | 671.1 | 670.8 | 670.4 | 670.0 | 669.6 | 669.3 |
| 155° | 695.5 | 694.9 | 694.8 | 694.7 | 694.5 | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 |
| 157.5° | 716.0 | 715.3 | 715.3 | 715.2 | 715.0 | 714.9 | 714.9 | 715.1 | 715.3 | 715.4 | 715.6 |
| 160° | 728.4 | 727.8 | 727.8 | 727.8 | 727.8 | 727.8 | 727.9 | 728.2 | 728.4 | 728.7 | 729.0 |
| 162.5° | 740.3 | 739.7 | 739.5 | 739.4 | 739.3 | 739.2 | 739.3 | 739.7 | 740.1 | 740.5 | 740.8 |
| 165° | 755.2 | 754.4 | 754.4 | 754.4 | 754.4 | 754.4 | 754.6 | 755.0 | 755.4 | 755.8 | 756.2 |
| 167.5° | 767.4 | 766.5 | 766.4 | 766.3 | 766.2 | 766.1 | 766.3 | 766.8 | 767.4 | 767.9 | 768.5 |
| 170° | 774.0 | 772.9 | 772.9 | 772.9 | 772.9 | 772.9 | 773.2 | 773.8 | 774.4 | 774.9 | 775.5 |
| 172.5° | 779.3 | 778.4 | 778.4 | 778.4 | 778.4 | 778.4 | 778.7 | 779.3 | 779.8 | 780.4 | 780.9 |
| 175° | 785.0 | 784.1 | 784.1 | 784.1 | 784.1 | 784.1 | 784.4 | 785.0 | 785.5 | 786.0 | 786.6 |
| 177.5° | 787.6 | 787.0 | 787.0 | 787.0 | 787.0 | 787.0 | 787.2 | 787.6 | 788.1 | 788.5 | 788.9 |
| 180° | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5° | 712.6 | 715.3 | 718.7 | 723.8 | 727.7 | 731.1 | 731.8 | 732.8 | 735.2 | 739.3 | 742.5 |
| 5° | 717.3 | 724.3 | 735.5 | 746.4 | 758.3 | 767.9 | 777.1 | 783.5 | 789.5 | 802.2 | 812.5 |
| 7.5° | 715.8 | 731.3 | 748.9 | 768.6 | 788.4 | 807.6 | 825.5 | 841.5 | 857.4 | 875.9 | 897.1 |
| 10° | 714.9 | 733.1 | 756.7 | 781.9 | 809.5 | 836.5 | 862.6 | 883.0 | 906.7 | 927.9 | 954.9 |
| 12.5° | 710.3 | 736.5 | 764.8 | 796.9 | 830.9 | 862.1 | 896.4 | 924.5 | 951.5 | 982.2 | 1013.6 |
| 15° | 704.3 | 736.1 | 771.9 | 814.7 | 866.3 | 903.9 | 939.1 | 987.9 | 1021.3 | 1054.7 | 1099.6 |
| 17.5° | 693.2 | 732.1 | 776.9 | 832.4 | 875.5 | 926.1 | 979.0 | 1017.6 | 1062.6 | 1109.6 | 1150.2 |
| 20° | 684.5 | 729.8 | 779.8 | 834.4 | 889.3 | 944.3 | 995.5 | 1041.6 | 1088.1 | 1142.4 | 1175.8 |
| 22.5° | 675.8 | 720.5 | 772.5 | 830.5 | 889.5 | 947.4 | 1005.4 | 1059.6 | 1111.8 | 1166.6 | 1209.3 |
| 25° | 657.2 | 710.3 | 766.8 | 825.9 | 884.2 | 947.8 | 1017.1 | 1077.4 | 1142.1 | 1198.5 | 1238.9 |
| 27.5° | 638.4 | 687.1 | 743.2 | 803.3 | 868.0 | 943.3 | 1024.7 | 1093.4 | 1158.1 | 1198.5 | 1211.2 |
| 30° | 621.4 | 673.0 | 724.5 | 785.5 | 855.6 | 939.7 | 1026.2 | 1104.8 | 1157.9 | 1175.4 | 1162.4 |
| 32.5° | 604.2 | 650.9 | 702.0 | 764.5 | 838.9 | 930.7 | 1028.1 | 1098.0 | 1130.0 | 1116.5 | 1063.3 |
| 35° | 573.8 | 615.9 | 665.4 | 727.9 | 813.5 | 925.7 | 1020.1 | 1067.5 | 1059.5 | 983.7 | 883.5 |
| 37.5° | 541.2 | 575.6 | 621.4 | 686.7 | 787.1 | 906.0 | 985.6 | 992.6 | 924.3 | 807.9 | 692.2 |
| 40° | 515.5 | 546.4 | 593.5 | 661.8 | 766.8 | 886.6 | 950.9 | 922.7 | 816.8 | 687.2 | 590.7 |
| 42.5° | 490.5 | 516.6 | 561.9 | 635.6 | 747.3 | 860.2 | 899.2 | 837.7 | 715.6 | 593.0 | 505.3 |
| 45° | 448.1 | 472.7 | 518.2 | 593.8 | 707.6 | 809.5 | 804.4 | 697.6 | 575.3 | 476.7 | 403.9 |
| 47.5° | 408.0 | 429.4 | 472.2 | 549.3 | 660.9 | 733.6 | 685.4 | 571.8 | 468.0 | 389.0 | 337.0 |
| 50° | 379.6 | 400.8 | 443.3 | 519.4 | 623.5 | 676.6 | 607.8 | 498.2 | 403.2 | 337.7 | 296.4 |
| 52.5° | 352.4 | 373.1 | 412.0 | 486.2 | 578.4 | 610.1 | 536.1 | 434.6 | 355.5 | 298.9 | 263.4 |
| 55° | 314.3 | 330.1 | 365.0 | 436.0 | 504.9 | 512.1 | 437.2 | 352.3 | 287.0 | 247.6 | 223.3 |
| 57.5° | 275.6 | 289.1 | 323.6 | 380.2 | 428.5 | 424.7 | 353.6 | 280.2 | 236.2 | 206.9 | 189.3 |
| 60° | 250.3 | 263.6 | 294.0 | 342.5 | 379.0 | 366.2 | 301.0 | 241.9 | 204.2 | 182.7 | 168.7 |
| 62.5° | 226.8 | 237.2 | 265.6 | 301.0 | 327.3 | 312.8 | 257.3 | 208.3 | 178.5 | 160.3 | 149.2 |
| 65° | 192.7 | 201.1 | 223.9 | 242.4 | 257.0 | 243.0 | 196.9 | 163.0 | 141.4 | 128.7 | 121.0 |
| 67.5° | 160.3 | 165.6 | 180.1 | 186.7 | 197.0 | 181.7 | 148.1 | 125.3 | 113.0 | 102.3 | 97.0 |
| 70° | 139.9 | 143.9 | 151.4 | 156.9 | 159.6 | 143.9 | 118.9 | 102.3 | 92.0 | 84.4 | 81.0 |
| 72.5° | 119.5 | 122.9 | 124.5 | 129.0 | 127.5 | 112.7 | 95.6 | 82.4 | 74.9 | 69.8 | 65.5 |
| 75° | 91.3 | 92.8 | 91.3 | 89.5 | 85.6 | 75.3 | 63.5 | 56.7 | 51.3 | 48.9 | 47.4 |
| 77.5° | 66.5 | 66.1 | 64.0 | 61.2 | 54.4 | 47.9 | 41.6 | 39.3 | 37.0 | 35.6 | 35.2 |
| 80° | 51.3 | 50.1 | 48.2 | 43.7 | 37.9 | 33.4 | 31.8 | 30.3 | 29.5 | 27.9 | 27.6 |
| 82.5° | 38.2 | 37.5 | 34.4 | 30.6 | 26.5 | 24.4 | 23.1 | 22.6 | 21.6 | 20.9 | 20.8 |
| 85° | 20.4 | 19.4 | 16.1 | 13.9 | 13.4 | 12.8 | 12.4 | 12.4 | 11.2 | 10.9 | 10.9 |
| 87.5° | 7.0 | 5.8 | 5.8 | 5.4 | 5.7 | 5.5 | 6.2 | 6.0 | 6.1 | 6.5 | 6.1 |
| 90° | 2.0 | 3.4 | 4.8 | 6.1 | 7.7 | 9.5 | 11.2 | 13.1 | 14.9 | 15.4 | 16.0 |
| 92.5° | 15.9 | 16.9 | 17.8 | 18.7 | 19.7 | 20.8 | 21.8 | 22.7 | 23.8 | 24.2 | 24.6 |
| 95° | 37.5 | 38.5 | 39.5 | 40.4 | 41.4 | 42.5 | 43.6 | 44.8 | 45.9 | 46.4 | 46.9 |
| 97.5° | 65.6 | 66.3 | 67.0 | 67.8 | 68.5 | 69.3 | 70.1 | 70.9 | 71.7 | 72.3 | 73.0 |
| 100° | 85.1 | 85.9 | 86.7 | 87.5 | 88.3 | 89.0 | 89.7 | 90.4 | 91.0 | 91.5 | 91.9 |
| 102.5° | 107.0 | 107.5 | 108.1 | 108.5 | 109.2 | 110.1 | 111.1 | 111.9 | 112.9 | 113.3 | 113.7 |
| 105° | 139.7 | 139.9 | 140.2 | 140.5 | 141.2 | 142.4 | 143.7 | 145.0 | 146.2 | 146.2 | 146.2 |
| 107.5° | 177.7 | 177.8 | 178.0 | 178.2 | 178.5 | 179.0 | 179.5 | 180.0 | 180.5 | 180.9 | 181.3 |
| 110° | 201.5 | 201.8 | 202.1 | 202.4 | 202.6 | 203.0 | 203.2 | 203.5 | 203.7 | 204.3 | 204.9 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 226.2 | 226.4 | 226.6 | 226.7 | 226.8 | 226.9 | 227.0 | 227.0 | 227.0 | 227.8 | 228.4 |
| 115° | 263.6 | 264.0 | 264.4 | 264.9 | 265.0 | 264.7 | 264.4 | 264.1 | 263.9 | 264.0 | 264.1 |
| 117.5° | 301.0 | 301.2 | 301.4 | 301.7 | 301.7 | 301.3 | 301.0 | 300.6 | 300.2 | 300.2 | 300.2 |
| 120° | 324.7 | 325.6 | 326.4 | 327.3 | 327.3 | 326.6 | 325.9 | 325.3 | 324.6 | 324.4 | 324.2 |
| 122.5° | 348.8 | 349.4 | 350.0 | 350.6 | 350.8 | 350.4 | 350.1 | 349.7 | 349.4 | 349.0 | 348.6 |
| 125° | 385.6 | 386.0 | 386.5 | 386.9 | 387.0 | 386.7 | 386.4 | 386.1 | 385.9 | 385.3 | 384.8 |
| 127.5° | 420.3 | 421.2 | 422.1 | 422.9 | 423.3 | 422.9 | 422.6 | 422.3 | 422.0 | 421.3 | 420.5 |
| 130° | 443.3 | 444.4 | 445.5 | 446.6 | 446.9 | 446.6 | 446.2 | 445.8 | 445.3 | 444.7 | 444.3 |
| 132.5° | 466.1 | 467.2 | 468.3 | 469.4 | 469.8 | 469.5 | 469.2 | 468.9 | 468.6 | 467.9 | 467.3 |
| 135° | 500.7 | 501.5 | 502.3 | 503.1 | 503.5 | 503.4 | 503.2 | 503.0 | 503.0 | 502.4 | 501.8 |
| 137.5° | 532.7 | 533.4 | 534.1 | 534.8 | 535.3 | 535.7 | 536.0 | 536.4 | 536.7 | 536.1 | 535.6 |
| 140° | 555.0 | 555.7 | 556.4 | 557.1 | 557.5 | 557.6 | 557.8 | 557.9 | 558.0 | 557.9 | 557.8 |
| 142.5° | 575.4 | 576.0 | 576.7 | 577.4 | 577.9 | 578.1 | 578.4 | 578.6 | 578.8 | 578.7 | 578.6 |
| 145° | 606.7 | 606.9 | 607.2 | 607.4 | 607.8 | 608.2 | 608.6 | 609.0 | 609.4 | 609.3 | 609.2 |
| 147.5° | 634.6 | 635.1 | 635.6 | 636.1 | 636.5 | 636.9 | 637.3 | 637.7 | 638.1 | 638.1 | 638.1 |
| 150° | 653.7 | 653.9 | 654.3 | 654.5 | 654.8 | 655.1 | 655.4 | 655.6 | 655.9 | 655.9 | 655.9 |
| 152.5° | 669.6 | 670.0 | 670.4 | 670.8 | 671.1 | 671.3 | 671.5 | 671.6 | 671.8 | 672.0 | 672.2 |
| 155° | 694.3 | 694.3 | 694.3 | 694.3 | 694.3 | 694.5 | 694.7 | 694.8 | 694.9 | 695.5 | 696.0 |
| 157.5° | 715.4 | 715.3 | 715.1 | 714.9 | 714.9 | 715.0 | 715.2 | 715.3 | 715.3 | 716.0 | 716.5 |
| 160° | 728.7 | 728.4 | 728.2 | 727.9 | 727.8 | 727.8 | 727.8 | 727.8 | 727.8 | 728.4 | 729.1 |
| 162.5° | 740.5 | 740.1 | 739.7 | 739.3 | 739.2 | 739.3 | 739.4 | 739.5 | 739.7 | 740.3 | 741.0 |
| 165° | 755.8 | 755.4 | 755.0 | 754.6 | 754.4 | 754.4 | 754.4 | 754.4 | 754.4 | 755.2 | 756.1 |
| 167.5° | 767.9 | 767.4 | 766.8 | 766.3 | 766.1 | 766.2 | 766.3 | 766.4 | 766.5 | 767.4 | 768.3 |
| 170° | 774.9 | 774.4 | 773.8 | 773.2 | 772.9 | 772.9 | 772.9 | 772.9 | 772.9 | 774.0 | 774.9 |
| 172.5° | 780.4 | 779.8 | 779.3 | 778.7 | 778.4 | 778.4 | 778.4 | 778.4 | 778.4 | 779.3 | 780.1 |
| 175° | 786.0 | 785.5 | 785.0 | 784.4 | 784.1 | 784.1 | 784.1 | 784.1 | 784.1 | 785.0 | 785.8 |
| 177.5° | 788.5 | 788.1 | 787.6 | 787.2 | 787.0 | 787.0 | 787.0 | 787.0 | 787.0 | 787.6 | 788.3 |
| 180° | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5° | 747.7 | 747.7 | 748.6 | 752.3 | 752.7 | 755.9 | 754.9 |
| 5° | 821.7 | 827.4 | 829.6 | 838.7 | 844.1 | 846.5 | 841.7 |
| 7.5° | 912.2 | 928.4 | 936.2 | 945.7 | 954.1 | 956.7 | 950.1 |
| 10° | 978.3 | 995.2 | 1009.5 | 1018.3 | 1026.5 | 1031.9 | 1038.9 |
| 12.5° | 1042.0 | 1063.0 | 1076.5 | 1088.9 | 1097.3 | 1104.3 | 1105.4 |
| 15° | 1111.4 | 1143.0 | 1167.0 | 1184.6 | 1193.3 | 1197.9 | 1196.1 |
| 17.5° | 1181.4 | 1210.6 | 1227.7 | 1245.6 | 1257.8 | 1258.5 | 1258.9 |
| 20° | 1221.0 | 1249.5 | 1269.2 | 1282.5 | 1296.2 | 1295.6 | 1298.6 |
| 22.5° | 1247.4 | 1269.9 | 1285.0 | 1294.7 | 1299.3 | 1297.0 | 1297.7 |
| 25° | 1259.8 | 1266.5 | 1263.8 | 1248.2 | 1244.4 | 1230.1 | 1232.5 |
| 27.5° | 1196.0 | 1164.4 | 1131.8 | 1089.7 | 1056.6 | 1030.2 | 1031.5 |
| 30° | 1109.3 | 1053.4 | 989.8 | 936.4 | 888.4 | 875.0 | 846.5 |
| 32.5° | 988.2 | 904.4 | 829.8 | 780.1 | 738.9 | 727.7 | 702.8 |
| 35° | 782.8 | 701.5 | 624.7 | 578.6 | 560.4 | 535.0 | 534.6 |
| 37.5° | 608.5 | 536.9 | 496.3 | 461.7 | 443.5 | 428.1 | 426.6 |
| 40° | 511.9 | 456.1 | 425.4 | 400.5 | 382.6 | 371.1 | 368.4 |
| 42.5° | 444.4 | 399.3 | 370.5 | 355.1 | 341.4 | 335.4 | 331.0 |
| 45° | 362.9 | 332.6 | 312.5 | 298.6 | 292.2 | 287.6 | 285.2 |
| 47.5° | 303.6 | 283.2 | 269.6 | 260.3 | 255.1 | 250.3 | 251.6 |
| 50° | 271.2 | 254.6 | 244.5 | 235.8 | 231.8 | 228.5 | 228.8 |
| 52.5° | 245.3 | 230.3 | 222.2 | 215.9 | 211.0 | 208.6 | 207.4 |
| 55° | 208.2 | 198.8 | 190.5 | 186.0 | 183.2 | 179.9 | 179.0 |
| 57.5° | 177.5 | 170.2 | 163.6 | 158.4 | 157.8 | 154.6 | 155.0 |
| 60° | 157.2 | 151.1 | 145.6 | 142.9 | 140.8 | 138.1 | 138.9 |
| 62.5° | 140.5 | 135.3 | 130.3 | 128.1 | 126.0 | 124.0 | 124.4 |
| 65° | 115.0 | 110.1 | 107.1 | 105.9 | 105.0 | 104.1 | 103.1 |
| 67.5° | 91.7 | 88.6 | 86.7 | 84.1 | 82.3 | 82.0 | 81.0 |
| 70° | 77.1 | 73.1 | 69.8 | 66.5 | 65.5 | 65.2 | 65.5 |
| 72.5° | 61.8 | 59.3 | 58.4 | 56.7 | 56.6 | 55.8 | 56.3 |
| 75° | 46.4 | 45.6 | 44.9 | 43.7 | 43.7 | 43.7 | 43.7 |
| 77.5° | 34.2 | 33.7 | 33.4 | 33.0 | 32.8 | 32.3 | 32.3 |
| 80° | 26.7 | 26.4 | 25.8 | 25.8 | 25.5 | 25.8 | 25.5 |
| 82.5° | 20.1 | 20.1 | 19.5 | 19.5 | 19.2 | 19.0 | 19.2 |
| 85° | 10.3 | 10.0 | 10.6 | 10.0 | 10.3 | 9.7 | 10.3 |
| 87.5° | 6.2 | 6.3 | 6.2 | 6.3 | 6.0 | 6.6 | 6.2 |
| 90° | 16.5 | 17.0 | 17.5 | 17.7 | 18.1 | 18.3 | 18.6 |
| 92.5° | 25.1 | 25.5 | 25.7 | 25.5 | 25.3 | 25.2 | 25.0 |
| 95° | 47.5 | 48.0 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| 97.5° | 73.6 | 74.2 | 74.5 | 74.5 | 74.5 | 74.4 | 74.3 |
| 100° | 92.3 | 92.7 | 93.1 | 93.3 | 93.6 | 93.9 | 94.1 |
| 102.5° | 114.1 | 114.5 | 114.7 | 114.6 | 114.5 | 114.5 | 114.5 |
| 105° | 146.2 | 146.2 | 146.3 | 146.6 | 146.9 | 147.1 | 147.4 |
| 107.5° | 181.8 | 182.3 | 182.4 | 182.2 | 182.0 | 181.9 | 181.7 |
| 110° | 205.4 | 206.0 | 206.1 | 205.8 | 205.6 | 205.3 | 205.0 |



TEST NUMBER: P332283-927

CATALOG NUMBER: S123RDIP-S560D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 229.0 | 229.7 | 230.0 | 230.0 | 229.9 | 229.8 | 229.8 |
| 115° | 264.3 | 264.4 | 264.4 | 264.3 | 264.1 | 264.0 | 263.9 |
| 117.5° | 300.2 | 300.2 | 299.9 | 299.6 | 299.2 | 298.8 | 298.4 |
| 120° | 324.2 | 324.0 | 323.8 | 323.5 | 323.2 | 323.0 | 322.7 |
| 122.5° | 348.2 | 347.9 | 347.5 | 347.1 | 346.7 | 346.3 | 345.9 |
| 125° | 384.2 | 383.7 | 383.1 | 382.5 | 382.0 | 381.4 | 380.9 |
| 127.5° | 419.7 | 419.0 | 418.3 | 417.6 | 417.0 | 416.4 | 415.7 |
| 130° | 443.7 | 443.1 | 442.4 | 441.4 | 440.5 | 439.5 | 438.5 |
| 132.5° | 466.6 | 466.0 | 465.2 | 464.5 | 463.7 | 463.0 | 462.3 |
| 135° | 501.3 | 500.7 | 500.3 | 500.0 | 499.8 | 499.5 | 499.2 |
| 137.5° | 535.0 | 534.4 | 533.9 | 533.4 | 532.8 | 532.3 | 531.8 |
| 140° | 557.6 | 557.5 | 557.0 | 556.0 | 555.0 | 554.1 | 553.1 |
| 142.5° | 578.5 | 578.3 | 577.9 | 577.1 | 576.4 | 575.6 | 574.9 |
| 145° | 609.0 | 608.9 | 608.6 | 608.0 | 607.4 | 606.9 | 606.3 |
| 147.5° | 638.1 | 638.1 | 637.6 | 636.8 | 636.0 | 635.2 | 634.4 |
| 150° | 655.9 | 655.9 | 655.5 | 654.7 | 653.9 | 653.0 | 652.2 |
| 152.5° | 672.4 | 672.6 | 672.4 | 671.7 | 671.0 | 670.3 | 669.6 |
| 155° | 696.6 | 697.1 | 696.9 | 695.9 | 695.0 | 694.0 | 693.1 |
| 157.5° | 717.1 | 717.6 | 717.6 | 716.8 | 716.1 | 715.3 | 714.5 |
| 160° | 729.8 | 730.5 | 730.6 | 730.0 | 729.4 | 728.9 | 728.3 |
| 162.5° | 741.7 | 742.4 | 742.3 | 741.4 | 740.5 | 739.7 | 738.8 |
| 165° | 756.9 | 757.7 | 757.6 | 756.7 | 755.7 | 754.7 | 753.8 |
| 167.5° | 769.1 | 769.9 | 769.9 | 769.1 | 768.3 | 767.4 | 766.5 |
| 170° | 775.9 | 776.8 | 776.8 | 775.9 | 774.9 | 774.0 | 772.9 |
| 172.5° | 781.0 | 781.8 | 781.8 | 780.8 | 779.8 | 778.9 | 777.9 |
| 175° | 786.6 | 787.4 | 787.3 | 786.4 | 785.4 | 784.4 | 783.5 |
| 177.5° | 788.9 | 789.6 | 789.6 | 788.8 | 788.0 | 787.3 | 786.5 |
| 180° | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 | 788.5 |

(END OF REPORT)