

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1012566

Luminaire Tested: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012566  
REPORT IS A COMBINATION OF REPORTS P993343 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4  
Description: Define 3 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}  
{m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

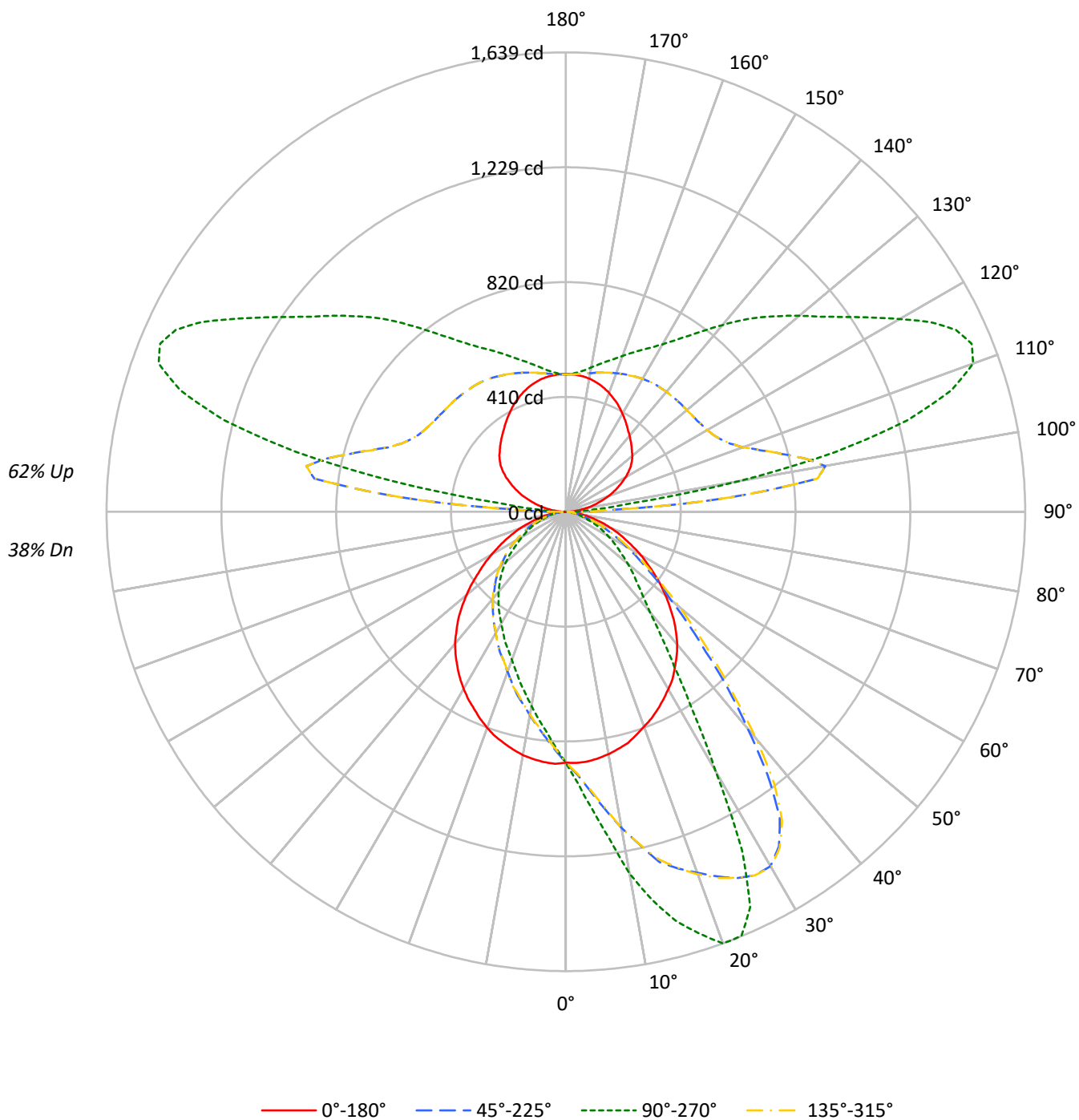
Lumens per Lamp: N/A  
Luminaire Lumens: 5919.0 lumens  
Efficiency: N/A  
Efficacy: 112.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 52.5  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1012566

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 104 | 104 | 104 | 104 | 95 | 95 | 95 | 95 | 76 | 76 | 76 | 60 | 60 | 60 | 45 | 45 | 45 | 38 |    |    |
| 1   | 95  | 91  | 88  | 84  | 87 | 83 | 80 | 77 | 68 | 66 | 64 | 53 | 52 | 51 | 40 | 39 | 39 | 33 |    |    |
| 2   | 87  | 80  | 75  | 70  | 79 | 73 | 68 | 64 | 60 | 56 | 53 | 47 | 45 | 43 | 36 | 35 | 33 | 28 |    |    |
| 3   | 80  | 71  | 64  | 58  | 72 | 65 | 59 | 54 | 53 | 49 | 45 | 42 | 39 | 37 | 32 | 30 | 29 | 24 |    |    |
| 4   | 73  | 63  | 55  | 50  | 66 | 58 | 51 | 46 | 47 | 43 | 39 | 38 | 35 | 32 | 29 | 27 | 25 | 21 |    |    |
| 5   | 67  | 56  | 49  | 43  | 61 | 51 | 45 | 40 | 43 | 38 | 34 | 34 | 31 | 28 | 26 | 24 | 22 | 19 |    |    |
| 6   | 62  | 51  | 43  | 37  | 56 | 46 | 40 | 35 | 38 | 33 | 30 | 31 | 27 | 25 | 24 | 22 | 20 | 17 |    |    |
| 7   | 57  | 46  | 38  | 33  | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 28 | 25 | 22 | 22 | 20 | 18 | 15 |    |    |
| 8   | 53  | 41  | 34  | 29  | 48 | 38 | 32 | 27 | 32 | 27 | 23 | 26 | 22 | 20 | 20 | 18 | 16 | 13 |    |    |
| 9   | 50  | 38  | 31  | 26  | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 24 | 20 | 18 | 19 | 16 | 14 | 12 |    |    |
| 10  | 46  | 35  | 28  | 23  | 42 | 32 | 26 | 22 | 27 | 22 | 19 | 22 | 18 | 16 | 17 | 15 | 13 | 11 |    |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 9632 | 9632  | 9632 | 9632 |
| 5°  | 9639 | 11092 | 9663 | 8230 |
| 10° | 9553 | 13390 | 9595 | 7188 |
| 15° | 9456 | 15197 | 9456 | 6338 |
| 20° | 9262 | 16392 | 9314 | 5622 |
| 25° | 9119 | 15574 | 9102 | 5130 |
| 30° | 8954 | 10791 | 8936 | 4649 |
| 35° | 8756 | 6928  | 8716 | 4286 |
| 40° | 8508 | 4892  | 8465 | 3925 |
| 45° | 8078 | 3914  | 8066 | 3573 |
| 50° | 7548 | 3275  | 7524 | 3162 |
| 55° | 6954 | 2699  | 6898 | 2681 |
| 60° | 6370 | 2231  | 6308 | 2280 |
| 65° | 5686 | 1785  | 5722 | 1933 |
| 70° | 5053 | 1240  | 5189 | 1562 |
| 75° | 4283 | 921   | 4458 | 1201 |
| 80° | 3409 | 611   | 3703 | 901  |
| 85° | 2430 | 288   | 2651 | 561  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 12858 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 87.9   | 1.5       |
| 10°-20°   | 275.1  | 4.6       |
| 20°-30°   | 433.2  | 7.3       |
| 30°-40°   | 450.5  | 7.6       |
| 40°-50°   | 385.4  | 6.5       |
| 50°-60°   | 293.8  | 5.0       |
| 60°-70°   | 188.2  | 3.2       |
| 70°-80°   | 90.2   | 1.5       |
| 80°-90°   | 26.4   | 0.4       |
| 90°-100°  | 266.1  | 4.5       |
| 100°-110° | 779.0  | 13.2      |
| 110°-120° | 760.7  | 12.9      |
| 120°-130° | 605.8  | 10.2      |
| 130°-140° | 478.0  | 8.1       |
| 140°-150° | 356.6  | 6.0       |
| 150°-160° | 248.6  | 4.2       |
| 160°-170° | 146.0  | 2.5       |
| 170°-180° | 47.5   | 0.8       |
| 0°-30°    | 796.2  | 13.5      |
| 0°-40°    | 1246.6 | 21.1      |
| 0°-60°    | 1925.8 | 32.5      |
| 0°-90°    | 2230.7 | 37.7      |
| 90°-120°  | 1805.8 | 30.5      |
| 90°-150°  | 3246.1 | 54.8      |
| 90°-180°  | 3688.0 | 62.3      |
| 0°-180°   | 5919.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 895 | 895  | 895  | 895  | 895  |      |
| 5°   | 894 | 1062 | 896  | 788  | 894  | 85   |
| 15°  | 854 | 1510 | 854  | 630  | 854  | 240  |
| 25°  | 777 | 1556 | 775  | 512  | 777  | 358  |
| 35°  | 678 | 675  | 675  | 418  | 678  | 424  |
| 45°  | 544 | 360  | 543  | 329  | 544  | 419  |
| 55°  | 384 | 226  | 381  | 224  | 384  | 344  |
| 65°  | 235 | 130  | 237  | 141  | 235  | 235  |
| 75°  | 113 | 55   | 117  | 72   | 113  | 122  |
| 85°  | 25  | 13   | 28   | 25   | 25   | 28   |
| 90°  | 2   | 29   | 2    | 29   | 2    | 4    |
| 95°  | 34  | 115  | 34   | 115  | 34   | 36   |
| 105° | 115 | 1262 | 115  | 1262 | 115  | 122  |
| 115° | 204 | 1536 | 204  | 1536 | 204  | 201  |
| 125° | 283 | 1211 | 283  | 1211 | 283  | 251  |
| 135° | 332 | 982  | 332  | 982  | 332  | 256  |
| 145° | 378 | 767  | 378  | 767  | 378  | 237  |
| 155° | 430 | 636  | 430  | 636  | 430  | 198  |
| 165° | 470 | 555  | 470  | 555  | 470  | 132  |
| 175° | 489 | 499  | 489  | 499  | 489  | 46   |
| 180° | 490 | 490  | 490  | 490  | 490  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 894.8 | 894.8 | 894.8 | 894.8 | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  |
| 2.5°   | 897.1 | 903.2 | 907.8 | 910.8 | 918.5  | 923.1  | 926.9  | 933.8  | 933.8  | 935.4  | 938.4  |
| 5°     | 894.0 | 907.0 | 916.2 | 928.5 | 944.6  | 952.2  | 962.9  | 972.1  | 985.2  | 992.0  | 998.9  |
| 7.5°   | 887.1 | 905.5 | 924.6 | 943.0 | 966.8  | 982.1  | 992.8  | 1016.6 | 1033.4 | 1054.1 | 1070.2 |
| 10°    | 877.9 | 903.2 | 927.7 | 956.0 | 988.2  | 1011.2 | 1027.3 | 1058.7 | 1090.9 | 1120.0 | 1144.5 |
| 12.5°  | 866.4 | 897.1 | 932.3 | 966.8 | 1012.0 | 1034.9 | 1061.0 | 1100.1 | 1146.0 | 1182.8 | 1215.7 |
| 15°    | 854.2 | 889.4 | 929.2 | 971.4 | 1028.1 | 1060.2 | 1097.8 | 1145.3 | 1196.6 | 1249.4 | 1294.6 |
| 17.5°  | 835.0 | 879.4 | 923.9 | 985.2 | 1051.8 | 1071.0 | 1103.1 | 1168.2 | 1231.8 | 1279.3 | 1334.5 |
| 20°    | 815.9 | 865.6 | 921.6 | 976.7 | 1048.7 | 1093.2 | 1123.0 | 1192.0 | 1260.2 | 1317.6 | 1370.5 |
| 22.5°  | 798.2 | 850.3 | 908.5 | 978.3 | 1045.7 | 1090.1 | 1127.6 | 1199.7 | 1278.6 | 1342.9 | 1408.0 |
| 25°    | 776.8 | 833.5 | 897.8 | 963.7 | 1045.7 | 1079.4 | 1120.7 | 1204.2 | 1287.7 | 1362.1 | 1442.5 |
| 27.5°  | 753.8 | 811.3 | 874.8 | 942.3 | 1017.3 | 1067.1 | 1107.7 | 1197.4 | 1299.2 | 1378.9 | 1461.6 |
| 30°    | 730.8 | 789.8 | 851.1 | 911.6 | 995.9  | 1043.4 | 1090.1 | 1188.9 | 1305.4 | 1396.5 | 1460.1 |
| 32.5°  | 708.6 | 758.4 | 818.9 | 877.9 | 961.4  | 1013.5 | 1066.4 | 1180.5 | 1307.7 | 1384.3 | 1414.9 |
| 35°    | 678.0 | 730.1 | 779.1 | 841.9 | 926.2  | 977.5  | 1039.5 | 1179.7 | 1297.7 | 1345.2 | 1329.9 |
| 37.5°  | 649.6 | 693.3 | 740.0 | 795.9 | 882.5  | 949.1  | 1013.5 | 1159.8 | 1264.8 | 1267.8 | 1181.3 |
| 40°    | 618.2 | 654.2 | 693.3 | 752.3 | 845.7  | 911.6  | 981.3  | 1129.2 | 1205.0 | 1159.8 | 1007.4 |
| 42.5°  | 582.2 | 614.4 | 645.0 | 702.5 | 804.4  | 877.9  | 953.0  | 1090.9 | 1118.4 | 1014.3 | 855.7  |
| 45°    | 543.9 | 569.9 | 598.3 | 658.8 | 760.7  | 833.5  | 908.5  | 1031.9 | 1003.5 | 856.5  | 705.5  |
| 47.5°  | 504.1 | 526.3 | 553.9 | 609.0 | 714.0  | 788.3  | 859.5  | 947.6  | 875.6  | 717.8  | 591.4  |
| 50°    | 464.2 | 481.9 | 508.7 | 565.4 | 666.5  | 733.9  | 799.8  | 857.2  | 756.1  | 615.9  | 488.7  |
| 52.5°  | 425.2 | 439.0 | 466.5 | 514.8 | 612.8  | 677.2  | 724.7  | 746.9  | 644.3  | 508.7  | 424.4  |
| 55°    | 383.8 | 399.1 | 417.5 | 466.5 | 563.8  | 611.3  | 642.7  | 642.0  | 536.2  | 431.3  | 350.9  |
| 57.5°  | 344.0 | 357.8 | 373.8 | 422.9 | 501.8  | 533.9  | 560.8  | 547.7  | 447.4  | 353.2  | 301.1  |
| 60°    | 308.7 | 316.4 | 334.0 | 375.4 | 435.1  | 462.7  | 478.0  | 455.8  | 365.4  | 298.0  | 249.0  |
| 62.5°  | 270.4 | 278.1 | 292.6 | 331.7 | 368.5  | 383.0  | 396.1  | 367.7  | 301.8  | 242.8  | 213.0  |
| 65°    | 235.2 | 245.1 | 254.3 | 285.7 | 305.7  | 323.3  | 321.7  | 298.0  | 235.9  | 197.6  | 173.1  |
| 67.5°  | 204.5 | 208.4 | 216.0 | 235.2 | 244.4  | 257.4  | 258.2  | 231.4  | 190.0  | 160.9  | 146.3  |
| 70°    | 171.6 | 175.4 | 180.8 | 190.0 | 196.1  | 199.2  | 197.6  | 173.9  | 143.3  | 125.6  | 112.6  |
| 72.5°  | 143.3 | 142.5 | 146.3 | 146.3 | 152.4  | 151.7  | 147.1  | 128.7  | 108.8  | 94.2   | 86.6   |
| 75°    | 112.6 | 113.4 | 114.1 | 112.6 | 110.3  | 107.2  | 103.4  | 89.6   | 76.6   | 69.7   | 62.8   |
| 77.5°  | 88.1  | 86.6  | 87.3  | 82.0  | 78.9   | 75.8   | 70.5   | 63.6   | 52.9   | 51.3   | 48.3   |
| 80°    | 62.8  | 62.1  | 61.3  | 59.0  | 52.1   | 49.0   | 45.2   | 41.4   | 39.1   | 37.5   | 36.8   |
| 82.5°  | 42.1  | 42.1  | 40.6  | 36.0  | 32.2   | 29.9   | 29.1   | 27.6   | 25.3   | 25.3   | 24.5   |
| 85°    | 25.3  | 24.5  | 23.0  | 18.4  | 16.1   | 16.1   | 16.1   | 16.1   | 14.6   | 14.6   | 13.8   |
| 87.5°  | 10.0  | 9.2   | 6.9   | 6.9   | 6.1    | 6.1    | 6.1    | 5.4    | 5.4    | 4.6    | 4.6    |
| 90°    | 2.0   | 4.0   | 6.0   | 8.9   | 10.9   | 11.9   | 12.9   | 15.9   | 18.9   | 21.8   | 24.8   |
| 92.5°  | 14.9  | 21.8  | 31.8  | 40.7  | 50.6   | 59.6   | 68.5   | 100.2  | 152.9  | 204.5  | 184.6  |
| 95°    | 33.7  | 36.7  | 47.6  | 64.5  | 90.3   | 109.6  | 129.0  | 213.4  | 361.3  | 524.1  | 588.6  |
| 97.5°  | 53.6  | 54.6  | 63.5  | 78.4  | 104.2  | 125.6  | 146.9  | 230.3  | 402.0  | 675.9  | 905.2  |
| 100°   | 73.4  | 74.4  | 81.4  | 95.3  | 119.1  | 138.4  | 157.8  | 227.3  | 374.2  | 635.2  | 940.0  |
| 102.5° | 94.3  | 96.3  | 102.2 | 115.1 | 136.0  | 153.4  | 170.7  | 231.3  | 350.4  | 575.7  | 875.4  |
| 105°   | 115.1 | 118.1 | 124.1 | 136.0 | 154.8  | 170.2  | 185.6  | 239.2  | 341.4  | 529.0  | 798.0  |
| 107.5° | 137.0 | 140.0 | 145.9 | 157.8 | 175.7  | 190.1  | 204.5  | 252.1  | 339.5  | 495.3  | 729.5  |
| 110°   | 160.8 | 163.8 | 168.7 | 179.7 | 196.5  | 210.4  | 224.3  | 269.0  | 344.4  | 477.4  | 673.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 182.6 | 185.6 | 190.6 | 201.5 | 218.4 | 231.8 | 245.2 | 285.9 | 354.3 | 467.5 | 635.2 |
| 115°   | 203.5 | 207.4 | 213.4 | 223.3 | 240.2 | 253.6 | 267.0 | 304.7 | 365.3 | 466.5 | 610.4 |
| 117.5° | 224.3 | 229.3 | 234.2 | 243.2 | 262.0 | 274.4 | 286.9 | 324.6 | 379.2 | 467.5 | 593.6 |
| 120°   | 246.2 | 249.1 | 254.1 | 264.0 | 282.9 | 295.3 | 307.7 | 343.4 | 395.0 | 471.5 | 582.6 |
| 122.5° | 265.0 | 268.0 | 273.0 | 283.9 | 301.7 | 315.1 | 328.5 | 363.3 | 409.9 | 478.4 | 575.7 |
| 125°   | 282.9 | 284.9 | 290.8 | 301.7 | 320.6 | 334.0 | 347.4 | 382.1 | 425.8 | 485.4 | 569.7 |
| 127.5° | 296.8 | 299.8 | 306.7 | 317.6 | 338.5 | 351.9 | 365.3 | 399.0 | 438.7 | 493.3 | 566.8 |
| 130°   | 309.7 | 312.7 | 321.6 | 333.5 | 354.3 | 367.7 | 381.1 | 413.9 | 451.6 | 501.2 | 563.8 |
| 132.5° | 319.6 | 323.6 | 333.5 | 348.4 | 369.2 | 382.1 | 395.0 | 426.8 | 463.5 | 507.2 | 562.8 |
| 135°   | 331.5 | 335.5 | 346.4 | 361.3 | 382.1 | 395.5 | 408.9 | 439.7 | 473.5 | 513.2 | 561.8 |
| 137.5° | 342.4 | 346.4 | 357.3 | 373.2 | 394.0 | 406.4 | 418.9 | 448.6 | 481.4 | 517.1 | 559.8 |
| 140°   | 353.4 | 358.3 | 368.2 | 384.1 | 404.0 | 416.4 | 428.8 | 457.6 | 487.3 | 521.1 | 558.8 |
| 142.5° | 365.3 | 369.2 | 380.2 | 394.0 | 413.9 | 425.3 | 436.7 | 464.5 | 493.3 | 524.1 | 556.8 |
| 145°   | 378.2 | 381.1 | 390.1 | 405.0 | 421.8 | 433.2 | 444.7 | 470.5 | 497.3 | 525.1 | 554.8 |
| 147.5° | 391.1 | 393.1 | 402.0 | 414.9 | 431.8 | 441.7 | 451.6 | 475.4 | 500.3 | 525.1 | 551.9 |
| 150°   | 404.0 | 405.0 | 412.9 | 425.8 | 439.7 | 448.6 | 457.6 | 480.4 | 501.2 | 525.1 | 547.9 |
| 152.5° | 416.9 | 416.9 | 424.8 | 435.7 | 447.6 | 456.0 | 464.5 | 483.4 | 503.2 | 522.1 | 542.9 |
| 155°   | 429.8 | 429.8 | 435.7 | 445.7 | 456.6 | 463.6 | 470.5 | 487.3 | 503.2 | 520.1 | 537.0 |
| 157.5° | 439.7 | 440.7 | 445.7 | 454.6 | 464.5 | 470.0 | 475.4 | 489.3 | 504.2 | 517.1 | 532.0 |
| 160°   | 451.6 | 451.6 | 455.6 | 463.5 | 470.5 | 475.4 | 480.4 | 492.3 | 504.2 | 515.1 | 526.1 |
| 162.5° | 460.5 | 460.5 | 463.5 | 469.5 | 475.4 | 479.4 | 483.4 | 493.3 | 503.2 | 511.2 | 520.1 |
| 165°   | 469.5 | 468.5 | 470.5 | 475.4 | 479.4 | 482.9 | 486.4 | 494.3 | 501.2 | 507.2 | 514.1 |
| 167.5° | 476.4 | 475.4 | 476.4 | 480.4 | 483.4 | 485.8 | 488.3 | 494.3 | 500.3 | 503.2 | 508.2 |
| 170°   | 482.4 | 480.4 | 481.4 | 484.4 | 486.4 | 487.4 | 488.3 | 493.3 | 497.3 | 499.3 | 502.2 |
| 172.5° | 486.4 | 485.4 | 485.4 | 487.3 | 488.3 | 488.8 | 489.3 | 493.3 | 496.3 | 496.3 | 497.3 |
| 175°   | 489.3 | 488.3 | 487.3 | 489.3 | 489.3 | 489.8 | 490.3 | 492.3 | 494.3 | 493.3 | 493.3 |
| 177.5° | 491.3 | 490.3 | 489.3 | 490.3 | 490.3 | 490.3 | 490.3 | 491.3 | 493.3 | 491.3 | 490.3 |
| 180°   | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  |
| 2.5°   | 944.6  | 944.6  | 951.4  | 958.3  | 954.5  | 956.8  | 965.2  | 962.2  | 968.3  | 967.5  | 969.8  |
| 5°     | 1015.8 | 1024.2 | 1031.1 | 1045.7 | 1048.0 | 1045.7 | 1060.2 | 1064.1 | 1071.0 | 1062.5 | 1066.4 |
| 7.5°   | 1096.2 | 1113.9 | 1130.7 | 1152.2 | 1159.1 | 1160.6 | 1168.2 | 1179.0 | 1188.2 | 1171.3 | 1179.7 |
| 10°    | 1174.4 | 1201.2 | 1235.7 | 1254.8 | 1271.7 | 1277.8 | 1283.9 | 1290.8 | 1301.5 | 1311.5 | 1303.8 |
| 12.5°  | 1258.6 | 1297.7 | 1330.6 | 1365.1 | 1385.8 | 1383.5 | 1401.1 | 1405.7 | 1414.1 | 1416.4 | 1419.5 |
| 15°    | 1327.6 | 1382.7 | 1403.4 | 1454.7 | 1459.3 | 1474.7 | 1494.6 | 1512.2 | 1514.5 | 1509.9 | 1509.9 |
| 17.5°  | 1393.5 | 1441.0 | 1477.7 | 1519.1 | 1527.5 | 1540.5 | 1565.8 | 1574.3 | 1577.3 | 1576.6 | 1576.6 |
| 20°    | 1447.1 | 1478.5 | 1540.5 | 1575.0 | 1588.8 | 1605.7 | 1623.3 | 1634.0 | 1636.3 | 1639.4 | 1634.8 |
| 22.5°  | 1482.3 | 1529.8 | 1580.4 | 1608.7 | 1620.2 | 1626.3 | 1637.8 | 1640.9 | 1637.1 | 1637.8 | 1638.6 |
| 25°    | 1509.9 | 1556.6 | 1587.3 | 1594.9 | 1594.2 | 1586.5 | 1578.1 | 1563.5 | 1562.0 | 1555.9 | 1543.6 |
| 27.5°  | 1517.6 | 1535.2 | 1531.4 | 1499.9 | 1468.5 | 1465.5 | 1414.9 | 1387.3 | 1355.9 | 1360.5 | 1342.9 |
| 30°    | 1476.2 | 1453.2 | 1398.8 | 1319.2 | 1286.2 | 1232.6 | 1175.9 | 1116.9 | 1093.9 | 1068.7 | 1115.4 |
| 32.5°  | 1375.1 | 1293.1 | 1196.6 | 1093.2 | 1038.0 | 990.5  | 930.0  | 887.1  | 862.6  | 841.9  | 881.7  |
| 35°    | 1222.6 | 1094.7 | 966.8  | 868.7  | 823.5  | 780.6  | 723.9  | 702.5  | 671.8  | 674.9  | 678.7  |
| 37.5°  | 1026.5 | 885.6  | 789.0  | 692.5  | 662.6  | 645.0  | 603.7  | 570.7  | 560.0  | 556.9  | 556.9  |
| 40°    | 842.7  | 727.0  | 641.2  | 565.4  | 542.4  | 527.8  | 494.9  | 479.6  | 468.1  | 465.0  | 468.8  |
| 42.5°  | 697.1  | 598.3  | 531.6  | 481.1  | 465.0  | 446.6  | 432.8  | 413.7  | 411.4  | 406.0  | 412.9  |
| 45°    | 585.3  | 499.5  | 449.7  | 412.9  | 399.1  | 392.2  | 376.9  | 365.4  | 360.8  | 360.0  | 365.4  |
| 47.5°  | 496.4  | 429.8  | 386.1  | 363.1  | 352.4  | 345.5  | 332.5  | 327.9  | 323.3  | 324.8  | 322.5  |
| 50°    | 416.7  | 366.9  | 338.6  | 317.9  | 311.0  | 304.1  | 295.7  | 291.1  | 288.8  | 288.8  | 288.0  |
| 52.5°  | 357.8  | 316.4  | 298.0  | 278.8  | 275.8  | 272.0  | 262.8  | 259.7  | 255.9  | 255.1  | 258.2  |
| 55°    | 306.4  | 278.1  | 259.7  | 248.2  | 245.1  | 237.5  | 233.6  | 229.8  | 227.5  | 226.0  | 226.8  |
| 57.5°  | 262.0  | 240.5  | 228.3  | 218.3  | 213.0  | 209.9  | 203.0  | 202.2  | 200.7  | 200.7  | 199.9  |
| 60°    | 225.2  | 209.9  | 195.3  | 189.2  | 185.4  | 181.6  | 180.8  | 176.2  | 173.9  | 175.4  | 174.7  |
| 62.5°  | 190.7  | 178.5  | 170.1  | 163.2  | 160.9  | 157.8  | 155.5  | 154.0  | 151.7  | 152.4  | 152.4  |
| 65°    | 159.3  | 149.4  | 143.3  | 137.1  | 136.4  | 133.3  | 132.5  | 131.0  | 131.0  | 130.2  | 131.8  |
| 67.5°  | 131.0  | 124.1  | 118.7  | 114.9  | 112.6  | 113.4  | 110.3  | 108.0  | 108.0  | 107.2  | 109.5  |
| 70°    | 104.2  | 100.4  | 95.0   | 90.4   | 87.3   | 87.3   | 83.5   | 82.7   | 82.7   | 82.7   | 82.0   |
| 72.5°  | 80.4   | 73.5   | 71.2   | 69.7   | 69.7   | 69.7   | 68.2   | 68.2   | 67.4   | 68.2   | 67.4   |
| 75°    | 59.8   | 59.0   | 57.5   | 56.7   | 56.7   | 55.9   | 55.2   | 55.2   | 55.2   | 55.2   | 55.2   |
| 77.5°  | 46.7   | 46.7   | 45.2   | 44.4   | 44.4   | 44.4   | 43.7   | 43.7   | 42.9   | 42.9   | 42.9   |
| 80°    | 34.5   | 34.5   | 32.9   | 32.9   | 32.9   | 32.2   | 32.2   | 32.2   | 32.9   | 32.2   | 32.2   |
| 82.5°  | 23.7   | 23.7   | 23.0   | 23.7   | 23.0   | 22.2   | 22.2   | 22.2   | 21.4   | 22.2   | 22.2   |
| 85°    | 13.8   | 13.8   | 13.0   | 12.3   | 13.0   | 13.0   | 12.3   | 13.0   | 12.3   | 13.0   | 12.3   |
| 87.5°  | 5.4    | 4.6    | 4.6    | 4.6    | 3.8    | 4.6    | 3.8    | 3.8    | 4.6    | 3.8    | 4.6    |
| 90°    | 23.8   | 24.8   | 25.8   | 26.8   | 27.8   | 28.8   | 27.8   | 28.8   | 29.8   | 28.8   | 29.8   |
| 92.5°  | 138.0  | 98.3   | 76.4   | 66.5   | 63.0   | 59.6   | 57.6   | 53.6   | 54.6   | 52.6   | 54.6   |
| 95°    | 477.4  | 357.3  | 242.2  | 189.6  | 171.7  | 153.8  | 135.0  | 126.1  | 119.1  | 115.1  | 119.1  |
| 97.5°  | 936.0  | 820.9  | 619.4  | 488.3  | 431.8  | 375.2  | 308.7  | 271.0  | 247.1  | 236.2  | 247.1  |
| 100°   | 1135.5 | 1170.2 | 1089.8 | 973.7  | 903.2  | 832.8  | 732.5  | 660.1  | 621.3  | 622.3  | 621.3  |
| 102.5° | 1145.4 | 1286.4 | 1303.2 | 1247.7 | 1209.4 | 1171.2 | 1098.8 | 1045.2 | 1014.4 | 985.6  | 1014.4 |
| 105°   | 1082.9 | 1290.3 | 1389.6 | 1408.4 | 1395.5 | 1382.6 | 1337.0 | 1299.3 | 1267.5 | 1262.5 | 1267.5 |
| 107.5° | 993.6  | 1230.8 | 1386.6 | 1464.0 | 1477.4 | 1490.8 | 1484.9 | 1467.0 | 1454.1 | 1443.2 | 1454.1 |
| 110°   | 910.2  | 1137.5 | 1320.1 | 1445.2 | 1480.0 | 1514.7 | 1542.4 | 1550.4 | 1548.4 | 1546.4 | 1548.4 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 837.7 | 1045.2 | 1232.8 | 1376.7 | 1423.8 | 1471.0 | 1527.6 | 1556.3 | 1566.3 | 1567.3 | 1566.3 |
| 115°   | 782.1 | 965.8  | 1138.5 | 1284.4 | 1338.5 | 1392.6 | 1467.0 | 1510.7 | 1530.5 | 1535.5 | 1530.5 |
| 117.5° | 745.4 | 904.2  | 1057.1 | 1191.1 | 1247.2 | 1303.2 | 1380.7 | 1429.3 | 1459.1 | 1466.0 | 1459.1 |
| 120°   | 717.6 | 857.6  | 991.6  | 1110.7 | 1160.8 | 1210.9 | 1289.3 | 1344.9 | 1368.7 | 1374.7 | 1368.7 |
| 122.5° | 694.8 | 820.9  | 939.0  | 1047.2 | 1092.8 | 1138.5 | 1206.0 | 1254.6 | 1281.4 | 1289.3 | 1281.4 |
| 125°   | 675.9 | 789.1  | 897.3  | 992.6  | 1032.3 | 1072.0 | 1135.5 | 1179.2 | 1204.0 | 1210.9 | 1204.0 |
| 127.5° | 658.1 | 760.3  | 858.6  | 945.9  | 982.6  | 1019.4 | 1076.9 | 1114.6 | 1137.5 | 1143.4 | 1137.5 |
| 130°   | 644.2 | 733.5  | 822.8  | 903.2  | 937.0  | 970.7  | 1023.3 | 1059.1 | 1079.9 | 1087.8 | 1079.9 |
| 132.5° | 631.3 | 708.7  | 789.1  | 862.5  | 894.3  | 926.1  | 974.7  | 1010.4 | 1028.3 | 1033.3 | 1028.3 |
| 135°   | 620.4 | 686.9  | 757.3  | 821.8  | 850.1  | 878.4  | 927.1  | 956.8  | 974.7  | 981.6  | 974.7  |
| 137.5° | 610.4 | 666.0  | 725.6  | 783.1  | 808.4  | 833.8  | 875.4  | 906.2  | 921.1  | 927.1  | 921.1  |
| 140°   | 601.5 | 648.1  | 698.8  | 746.4  | 767.8  | 789.1  | 826.8  | 854.6  | 870.5  | 869.5  | 870.5  |
| 142.5° | 593.6 | 631.3  | 673.0  | 712.7  | 730.6  | 748.4  | 779.2  | 803.0  | 816.9  | 815.9  | 816.9  |
| 145°   | 586.6 | 618.4  | 651.1  | 682.9  | 697.3  | 711.7  | 736.5  | 757.3  | 765.3  | 767.3  | 765.3  |
| 147.5° | 579.7 | 607.4  | 634.2  | 661.0  | 671.4  | 681.9  | 701.7  | 716.6  | 724.6  | 725.6  | 724.6  |
| 150°   | 572.7 | 595.5  | 618.4  | 639.2  | 648.7  | 658.1  | 673.0  | 683.9  | 689.8  | 689.8  | 689.8  |
| 152.5° | 564.8 | 584.6  | 603.5  | 621.3  | 628.8  | 636.2  | 647.2  | 657.1  | 660.1  | 660.1  | 660.1  |
| 155°   | 556.8 | 573.7  | 589.6  | 604.5  | 610.4  | 616.4  | 625.3  | 633.3  | 635.2  | 636.2  | 635.2  |
| 157.5° | 547.9 | 561.8  | 575.7  | 587.6  | 592.6  | 597.5  | 605.5  | 611.4  | 613.4  | 613.4  | 613.4  |
| 160°   | 539.0 | 551.9  | 562.8  | 572.7  | 576.2  | 579.7  | 586.6  | 592.6  | 592.6  | 591.6  | 592.6  |
| 162.5° | 530.0 | 540.0  | 548.9  | 557.8  | 560.8  | 563.8  | 567.7  | 572.7  | 572.7  | 571.7  | 572.7  |
| 165°   | 522.1 | 530.0  | 536.0  | 542.9  | 545.4  | 547.9  | 551.9  | 555.8  | 554.8  | 554.8  | 554.8  |
| 167.5° | 514.1 | 521.1  | 526.1  | 530.0  | 532.0  | 534.0  | 536.0  | 539.0  | 538.0  | 538.0  | 538.0  |
| 170°   | 507.2 | 512.2  | 515.1  | 519.1  | 520.1  | 521.1  | 522.1  | 524.1  | 523.1  | 523.1  | 523.1  |
| 172.5° | 500.3 | 504.2  | 506.2  | 509.2  | 509.7  | 510.2  | 510.2  | 512.2  | 510.2  | 509.2  | 510.2  |
| 175°   | 495.3 | 497.3  | 498.3  | 500.3  | 500.3  | 500.3  | 500.3  | 501.2  | 500.3  | 499.3  | 500.3  |
| 177.5° | 491.3 | 492.3  | 493.3  | 494.3  | 494.3  | 494.3  | 493.3  | 494.3  | 492.3  | 492.3  | 492.3  |
| 180°   | 490.3 | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  |
| 2.5°   | 966.0  | 961.4  | 958.3  | 956.0  | 953.7  | 960.6  | 951.4  | 941.5  | 934.6  | 930.0  | 928.5  |
| 5°     | 1067.1 | 1057.2 | 1048.7 | 1041.8 | 1043.4 | 1043.4 | 1027.3 | 1009.7 | 994.3  | 985.9  | 976.7  |
| 7.5°   | 1184.3 | 1173.6 | 1156.8 | 1152.9 | 1149.9 | 1130.7 | 1114.6 | 1082.4 | 1063.3 | 1044.1 | 1027.3 |
| 10°    | 1300.8 | 1287.0 | 1270.9 | 1265.5 | 1257.9 | 1234.1 | 1209.6 | 1168.2 | 1144.5 | 1109.3 | 1087.0 |
| 12.5°  | 1409.6 | 1392.7 | 1376.6 | 1372.8 | 1361.3 | 1340.6 | 1298.5 | 1255.6 | 1215.0 | 1177.4 | 1138.4 |
| 15°    | 1500.7 | 1496.1 | 1471.6 | 1456.3 | 1431.0 | 1402.7 | 1393.5 | 1335.2 | 1283.9 | 1244.8 | 1174.4 |
| 17.5°  | 1577.3 | 1555.9 | 1532.9 | 1522.9 | 1513.0 | 1480.0 | 1447.1 | 1387.3 | 1332.2 | 1274.7 | 1229.5 |
| 20°    | 1638.6 | 1614.9 | 1598.8 | 1584.2 | 1579.6 | 1542.1 | 1490.0 | 1437.1 | 1376.6 | 1312.3 | 1253.3 |
| 22.5°  | 1641.7 | 1638.6 | 1627.9 | 1619.5 | 1610.3 | 1585.7 | 1544.4 | 1478.5 | 1414.1 | 1343.7 | 1266.3 |
| 25°    | 1578.1 | 1573.5 | 1604.1 | 1596.5 | 1602.6 | 1593.4 | 1571.2 | 1516.0 | 1441.0 | 1358.2 | 1280.1 |
| 27.5°  | 1386.6 | 1433.3 | 1481.6 | 1498.4 | 1509.9 | 1542.8 | 1553.6 | 1522.9 | 1462.4 | 1374.3 | 1287.0 |
| 30°    | 1126.1 | 1188.2 | 1266.3 | 1308.4 | 1340.6 | 1401.9 | 1481.6 | 1491.5 | 1463.2 | 1392.7 | 1285.5 |
| 32.5°  | 884.0  | 940.7  | 1003.5 | 1053.3 | 1096.2 | 1221.9 | 1329.1 | 1406.5 | 1420.3 | 1383.5 | 1289.3 |
| 35°    | 712.4  | 737.0  | 796.7  | 844.2  | 902.4  | 1009.7 | 1136.1 | 1260.9 | 1345.2 | 1349.8 | 1277.8 |
| 37.5°  | 587.6  | 600.6  | 652.7  | 679.5  | 714.0  | 808.2  | 926.2  | 1089.3 | 1220.3 | 1282.4 | 1245.6 |
| 40°    | 486.4  | 516.3  | 546.2  | 561.5  | 586.0  | 651.2  | 764.5  | 892.5  | 1054.9 | 1169.8 | 1195.8 |
| 42.5°  | 422.1  | 435.1  | 454.3  | 475.7  | 491.0  | 547.7  | 623.6  | 740.8  | 887.1  | 1047.2 | 1119.2 |
| 45°    | 372.3  | 376.9  | 396.8  | 410.6  | 426.7  | 466.5  | 520.2  | 618.2  | 746.9  | 904.7  | 1027.3 |
| 47.5°  | 330.9  | 340.1  | 350.9  | 359.3  | 370.0  | 400.6  | 446.6  | 517.9  | 631.2  | 772.2  | 904.0  |
| 50°    | 294.2  | 299.5  | 313.3  | 317.1  | 324.8  | 346.3  | 381.5  | 435.9  | 529.3  | 642.0  | 778.3  |
| 52.5°  | 259.7  | 269.7  | 275.0  | 280.4  | 287.3  | 304.9  | 327.9  | 372.3  | 442.8  | 548.5  | 664.2  |
| 55°    | 232.9  | 235.9  | 243.6  | 248.2  | 253.6  | 265.8  | 285.7  | 318.7  | 373.8  | 458.1  | 567.7  |
| 57.5°  | 206.8  | 206.8  | 214.5  | 218.3  | 223.7  | 232.9  | 250.5  | 275.8  | 315.6  | 378.4  | 478.8  |
| 60°    | 179.3  | 180.0  | 186.2  | 190.7  | 192.3  | 201.5  | 216.0  | 235.9  | 266.6  | 312.6  | 394.5  |
| 62.5°  | 154.7  | 158.6  | 161.6  | 163.2  | 168.5  | 173.9  | 186.2  | 199.9  | 221.4  | 262.0  | 320.2  |
| 65°    | 134.1  | 134.8  | 137.1  | 138.7  | 141.0  | 147.1  | 156.3  | 165.5  | 183.9  | 213.7  | 261.2  |
| 67.5°  | 110.3  | 113.4  | 116.4  | 116.4  | 118.7  | 121.8  | 131.0  | 138.7  | 152.4  | 170.1  | 202.2  |
| 70°    | 82.7   | 84.3   | 88.9   | 91.2   | 94.2   | 99.6   | 104.2  | 108.8  | 119.5  | 132.5  | 157.0  |
| 72.5°  | 68.9   | 68.9   | 70.5   | 71.2   | 71.2   | 75.1   | 82.0   | 86.6   | 91.9   | 101.1  | 118.0  |
| 75°    | 55.2   | 55.2   | 57.5   | 56.7   | 58.2   | 59.8   | 60.5   | 63.6   | 66.6   | 73.5   | 83.5   |
| 77.5°  | 43.7   | 44.4   | 44.4   | 45.2   | 45.2   | 46.0   | 46.7   | 48.3   | 49.8   | 53.6   | 58.2   |
| 80°    | 32.2   | 32.9   | 32.9   | 33.7   | 33.7   | 34.5   | 35.2   | 36.0   | 37.5   | 39.1   | 41.4   |
| 82.5°  | 22.2   | 23.0   | 23.0   | 23.7   | 23.0   | 23.7   | 24.5   | 24.5   | 25.3   | 26.8   | 27.6   |
| 85°    | 13.0   | 13.0   | 13.8   | 13.0   | 13.0   | 13.0   | 13.8   | 13.8   | 14.6   | 16.9   | 16.9   |
| 87.5°  | 3.8    | 4.6    | 3.8    | 4.6    | 4.6    | 4.6    | 4.6    | 5.4    | 5.4    | 6.1    | 6.9    |
| 90°    | 28.8   | 27.8   | 28.8   | 27.8   | 26.8   | 25.8   | 24.8   | 23.8   | 24.8   | 21.8   | 18.9   |
| 92.5°  | 53.6   | 57.6   | 59.6   | 63.0   | 66.5   | 76.4   | 98.3   | 138.0  | 184.6  | 204.5  | 152.9  |
| 95°    | 126.1  | 135.0  | 153.8  | 171.7  | 189.6  | 242.2  | 357.3  | 477.4  | 588.6  | 524.1  | 361.3  |
| 97.5°  | 271.0  | 308.7  | 375.2  | 431.8  | 488.3  | 619.4  | 820.9  | 936.0  | 905.2  | 675.9  | 402.0  |
| 100°   | 660.1  | 732.5  | 832.8  | 903.2  | 973.7  | 1089.8 | 1170.2 | 1135.5 | 940.0  | 635.2  | 374.2  |
| 102.5° | 1045.2 | 1098.8 | 1171.2 | 1209.4 | 1247.7 | 1303.2 | 1286.4 | 1145.4 | 875.4  | 575.7  | 350.4  |
| 105°   | 1299.3 | 1337.0 | 1382.6 | 1395.5 | 1408.4 | 1389.6 | 1290.3 | 1082.9 | 798.0  | 529.0  | 341.4  |
| 107.5° | 1467.0 | 1484.9 | 1490.8 | 1477.4 | 1464.0 | 1386.6 | 1230.8 | 993.6  | 729.5  | 495.3  | 339.5  |
| 110°   | 1550.4 | 1542.4 | 1514.7 | 1480.0 | 1445.2 | 1320.1 | 1137.5 | 910.2  | 673.0  | 477.4  | 344.4  |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1556.3 | 1527.6 | 1471.0 | 1423.8 | 1376.7 | 1232.8 | 1045.2 | 837.7 | 635.2 | 467.5 | 354.3 |
| 115°   | 1510.7 | 1467.0 | 1392.6 | 1338.5 | 1284.4 | 1138.5 | 965.8  | 782.1 | 610.4 | 466.5 | 365.3 |
| 117.5° | 1429.3 | 1380.7 | 1303.2 | 1247.2 | 1191.1 | 1057.1 | 904.2  | 745.4 | 593.6 | 467.5 | 379.2 |
| 120°   | 1344.9 | 1289.3 | 1210.9 | 1160.8 | 1110.7 | 991.6  | 857.6  | 717.6 | 582.6 | 471.5 | 395.0 |
| 122.5° | 1254.6 | 1206.0 | 1138.5 | 1092.8 | 1047.2 | 939.0  | 820.9  | 694.8 | 575.7 | 478.4 | 409.9 |
| 125°   | 1179.2 | 1135.5 | 1072.0 | 1032.3 | 992.6  | 897.3  | 789.1  | 675.9 | 569.7 | 485.4 | 425.8 |
| 127.5° | 1114.6 | 1076.9 | 1019.4 | 982.6  | 945.9  | 858.6  | 760.3  | 658.1 | 566.8 | 493.3 | 438.7 |
| 130°   | 1059.1 | 1023.3 | 970.7  | 937.0  | 903.2  | 822.8  | 733.5  | 644.2 | 563.8 | 501.2 | 451.6 |
| 132.5° | 1010.4 | 974.7  | 926.1  | 894.3  | 862.5  | 789.1  | 708.7  | 631.3 | 562.8 | 507.2 | 463.5 |
| 135°   | 956.8  | 927.1  | 878.4  | 850.1  | 821.8  | 757.3  | 686.9  | 620.4 | 561.8 | 513.2 | 473.5 |
| 137.5° | 906.2  | 875.4  | 833.8  | 808.4  | 783.1  | 725.6  | 666.0  | 610.4 | 559.8 | 517.1 | 481.4 |
| 140°   | 854.6  | 826.8  | 789.1  | 767.8  | 746.4  | 698.8  | 648.1  | 601.5 | 558.8 | 521.1 | 487.3 |
| 142.5° | 803.0  | 779.2  | 748.4  | 730.6  | 712.7  | 673.0  | 631.3  | 593.6 | 556.8 | 524.1 | 493.3 |
| 145°   | 757.3  | 736.5  | 711.7  | 697.3  | 682.9  | 651.1  | 618.4  | 586.6 | 554.8 | 525.1 | 497.3 |
| 147.5° | 716.6  | 701.7  | 681.9  | 671.4  | 661.0  | 634.2  | 607.4  | 579.7 | 551.9 | 525.1 | 500.3 |
| 150°   | 683.9  | 673.0  | 658.1  | 648.7  | 639.2  | 618.4  | 595.5  | 572.7 | 547.9 | 525.1 | 501.2 |
| 152.5° | 657.1  | 647.2  | 636.2  | 628.8  | 621.3  | 603.5  | 584.6  | 564.8 | 542.9 | 522.1 | 503.2 |
| 155°   | 633.3  | 625.3  | 616.4  | 610.4  | 604.5  | 589.6  | 573.7  | 556.8 | 537.0 | 520.1 | 503.2 |
| 157.5° | 611.4  | 605.5  | 597.5  | 592.6  | 587.6  | 575.7  | 561.8  | 547.9 | 532.0 | 517.1 | 504.2 |
| 160°   | 592.6  | 586.6  | 579.7  | 576.2  | 572.7  | 562.8  | 551.9  | 539.0 | 526.1 | 515.1 | 504.2 |
| 162.5° | 572.7  | 567.7  | 563.8  | 560.8  | 557.8  | 548.9  | 540.0  | 530.0 | 520.1 | 511.2 | 503.2 |
| 165°   | 555.8  | 551.9  | 547.9  | 545.4  | 542.9  | 536.0  | 530.0  | 522.1 | 514.1 | 507.2 | 501.2 |
| 167.5° | 539.0  | 536.0  | 534.0  | 532.0  | 530.0  | 526.1  | 521.1  | 514.1 | 508.2 | 503.2 | 500.3 |
| 170°   | 524.1  | 522.1  | 521.1  | 520.1  | 519.1  | 515.1  | 512.2  | 507.2 | 502.2 | 499.3 | 497.3 |
| 172.5° | 512.2  | 510.2  | 510.2  | 509.7  | 509.2  | 506.2  | 504.2  | 500.3 | 497.3 | 496.3 | 496.3 |
| 175°   | 501.2  | 500.3  | 500.3  | 500.3  | 500.3  | 498.3  | 497.3  | 495.3 | 493.3 | 493.3 | 494.3 |
| 177.5° | 494.3  | 493.3  | 494.3  | 494.3  | 494.3  | 493.3  | 492.3  | 491.3 | 490.3 | 491.3 | 493.3 |
| 180°   | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3 | 490.3 | 490.3 | 490.3 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 894.8  | 894.8  | 894.8  | 894.8  | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 |
| 2.5°   | 926.2  | 922.3  | 918.5  | 918.5  | 910.1 | 902.4 | 898.6 | 900.1 | 895.5 | 889.4 | 883.3 |
| 5°     | 966.8  | 951.4  | 948.4  | 940.0  | 928.5 | 912.4 | 904.0 | 896.3 | 887.1 | 874.8 | 863.4 |
| 7.5°   | 1004.3 | 984.4  | 973.7  | 965.2  | 943.0 | 920.8 | 902.4 | 890.2 | 874.1 | 855.7 | 841.9 |
| 10°    | 1053.3 | 1016.6 | 1005.1 | 985.9  | 954.5 | 923.1 | 901.7 | 881.7 | 859.5 | 838.1 | 819.7 |
| 12.5°  | 1092.4 | 1050.3 | 1028.8 | 1009.7 | 969.1 | 929.2 | 893.2 | 868.7 | 841.9 | 818.2 | 794.4 |
| 15°    | 1136.8 | 1089.3 | 1051.8 | 1028.8 | 977.5 | 929.2 | 888.6 | 854.2 | 824.3 | 795.2 | 774.5 |
| 17.5°  | 1158.3 | 1098.5 | 1081.7 | 1048.7 | 974.4 | 926.2 | 876.4 | 839.6 | 803.6 | 769.9 | 745.4 |
| 20°    | 1192.0 | 1122.3 | 1080.1 | 1057.9 | 992.0 | 920.8 | 862.6 | 820.5 | 782.9 | 746.9 | 720.9 |
| 22.5°  | 1194.3 | 1118.4 | 1090.9 | 1048.7 | 967.5 | 904.7 | 850.3 | 799.0 | 755.3 | 721.6 | 694.8 |
| 25°    | 1188.9 | 1111.6 | 1073.3 | 1039.5 | 972.1 | 895.5 | 825.8 | 775.3 | 732.4 | 693.3 | 661.9 |
| 27.5°  | 1186.6 | 1091.6 | 1055.6 | 1021.9 | 946.1 | 868.7 | 811.3 | 753.8 | 704.8 | 670.3 | 638.1 |
| 30°    | 1183.6 | 1070.2 | 1026.5 | 987.5  | 917.7 | 848.0 | 779.1 | 729.3 | 682.6 | 638.9 | 606.7 |
| 32.5°  | 1163.6 | 1041.1 | 996.6  | 955.3  | 880.2 | 810.5 | 756.1 | 703.2 | 652.7 | 612.1 | 583.0 |
| 35°    | 1157.5 | 1014.3 | 956.0  | 911.6  | 838.1 | 776.0 | 718.6 | 674.9 | 627.4 | 586.8 | 552.3 |
| 37.5°  | 1139.9 | 986.7  | 923.9  | 867.2  | 790.6 | 731.6 | 689.5 | 645.8 | 599.8 | 556.2 | 528.6 |
| 40°    | 1109.3 | 954.5  | 883.3  | 825.0  | 746.1 | 686.4 | 647.3 | 615.1 | 569.9 | 530.9 | 497.2 |
| 42.5°  | 1064.1 | 921.6  | 845.0  | 783.7  | 696.3 | 640.4 | 608.3 | 577.6 | 539.3 | 498.7 | 471.1 |
| 45°    | 1012.0 | 877.9  | 806.7  | 738.5  | 649.6 | 595.2 | 561.5 | 543.1 | 507.9 | 473.4 | 441.3 |
| 47.5°  | 940.7  | 832.7  | 762.2  | 691.8  | 601.4 | 548.5 | 521.7 | 503.3 | 478.8 | 441.3 | 415.2 |
| 50°    | 851.1  | 774.5  | 707.8  | 645.0  | 553.9 | 503.3 | 476.5 | 462.7 | 442.0 | 415.2 | 389.9 |
| 52.5°  | 751.5  | 707.1  | 651.9  | 593.7  | 505.6 | 458.1 | 433.6 | 422.9 | 407.5 | 382.3 | 360.8 |
| 55°    | 651.2  | 632.0  | 594.5  | 537.0  | 455.0 | 416.0 | 394.5 | 380.7 | 369.2 | 350.9 | 332.5 |
| 57.5°  | 561.5  | 552.3  | 526.3  | 481.9  | 412.9 | 372.3 | 353.9 | 344.7 | 335.5 | 321.7 | 303.4 |
| 60°    | 468.8  | 478.8  | 452.0  | 429.8  | 366.9 | 331.7 | 315.6 | 305.7 | 301.1 | 288.8 | 277.3 |
| 62.5°  | 388.4  | 397.6  | 382.3  | 365.4  | 321.0 | 289.6 | 279.6 | 270.4 | 267.4 | 256.6 | 245.1 |
| 65°    | 315.6  | 327.1  | 315.6  | 306.4  | 279.6 | 253.6 | 241.3 | 236.7 | 233.6 | 226.8 | 217.6 |
| 67.5°  | 251.3  | 262.8  | 257.4  | 245.9  | 237.5 | 216.0 | 209.1 | 204.5 | 203.0 | 197.6 | 190.0 |
| 70°    | 189.2  | 205.3  | 206.8  | 199.9  | 192.3 | 182.3 | 177.7 | 176.2 | 172.4 | 167.8 | 163.2 |
| 72.5°  | 136.4  | 154.7  | 155.5  | 155.5  | 150.9 | 150.9 | 146.3 | 144.0 | 144.0 | 139.4 | 134.1 |
| 75°    | 100.4  | 112.6  | 114.1  | 115.7  | 118.0 | 120.3 | 117.2 | 117.2 | 116.4 | 111.8 | 109.5 |
| 77.5°  | 66.6   | 77.4   | 81.2   | 86.6   | 89.6  | 89.6  | 91.2  | 92.7  | 91.2  | 88.9  | 87.3  |
| 80°    | 42.9   | 50.6   | 55.2   | 58.2   | 62.8  | 65.1  | 67.4  | 68.2  | 66.6  | 65.9  | 63.6  |
| 82.5°  | 28.3   | 30.6   | 32.9   | 36.8   | 42.1  | 46.0  | 46.0  | 45.2  | 46.7  | 46.0  | 45.2  |
| 85°    | 16.1   | 17.6   | 18.4   | 19.2   | 22.2  | 26.0  | 26.8  | 27.6  | 29.1  | 27.6  | 26.0  |
| 87.5°  | 6.1    | 6.9    | 6.9    | 6.9    | 8.4   | 9.2   | 11.5  | 14.6  | 13.8  | 12.3  | 12.3  |
| 90°    | 15.9   | 12.9   | 11.9   | 10.9   | 8.9   | 6.0   | 4.0   | 2.0   | 4.0   | 6.0   | 8.9   |
| 92.5°  | 100.2  | 68.5   | 59.6   | 50.6   | 40.7  | 31.8  | 21.8  | 14.9  | 21.8  | 31.8  | 40.7  |
| 95°    | 213.4  | 129.0  | 109.6  | 90.3   | 64.5  | 47.6  | 36.7  | 33.7  | 36.7  | 47.6  | 64.5  |
| 97.5°  | 230.3  | 146.9  | 125.6  | 104.2  | 78.4  | 63.5  | 54.6  | 53.6  | 54.6  | 63.5  | 78.4  |
| 100°   | 227.3  | 157.8  | 138.4  | 119.1  | 95.3  | 81.4  | 74.4  | 73.4  | 74.4  | 81.4  | 95.3  |
| 102.5° | 231.3  | 170.7  | 153.4  | 136.0  | 115.1 | 102.2 | 96.3  | 94.3  | 96.3  | 102.2 | 115.1 |
| 105°   | 239.2  | 185.6  | 170.2  | 154.8  | 136.0 | 124.1 | 118.1 | 115.1 | 118.1 | 124.1 | 136.0 |
| 107.5° | 252.1  | 204.5  | 190.1  | 175.7  | 157.8 | 145.9 | 140.0 | 137.0 | 140.0 | 145.9 | 157.8 |
| 110°   | 269.0  | 224.3  | 210.4  | 196.5  | 179.7 | 168.7 | 163.8 | 160.8 | 163.8 | 168.7 | 179.7 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 285.9 | 245.2 | 231.8  | 218.4 | 201.5 | 190.6 | 185.6 | 182.6 | 185.6 | 190.6 | 201.5 |
| 115°   | 304.7 | 267.0 | 253.6  | 240.2 | 223.3 | 213.4 | 207.4 | 203.5 | 207.4 | 213.4 | 223.3 |
| 117.5° | 324.6 | 286.9 | 274.4  | 262.0 | 243.2 | 234.2 | 229.3 | 224.3 | 229.3 | 234.2 | 243.2 |
| 120°   | 343.4 | 307.7 | 295.3  | 282.9 | 264.0 | 254.1 | 249.1 | 246.2 | 249.1 | 254.1 | 264.0 |
| 122.5° | 363.3 | 328.5 | 315.1  | 301.7 | 283.9 | 273.0 | 268.0 | 265.0 | 268.0 | 273.0 | 283.9 |
| 125°   | 382.1 | 347.4 | 334.0  | 320.6 | 301.7 | 290.8 | 284.9 | 282.9 | 284.9 | 290.8 | 301.7 |
| 127.5° | 399.0 | 365.3 | 351.9  | 338.5 | 317.6 | 306.7 | 299.8 | 296.8 | 299.8 | 306.7 | 317.6 |
| 130°   | 413.9 | 381.1 | 367.7  | 354.3 | 333.5 | 321.6 | 312.7 | 309.7 | 312.7 | 321.6 | 333.5 |
| 132.5° | 426.8 | 395.0 | 382.1  | 369.2 | 348.4 | 333.5 | 323.6 | 319.6 | 323.6 | 333.5 | 348.4 |
| 135°   | 439.7 | 408.9 | 395.5  | 382.1 | 361.3 | 346.4 | 335.5 | 331.5 | 335.5 | 346.4 | 361.3 |
| 137.5° | 448.6 | 418.9 | 406.4  | 394.0 | 373.2 | 357.3 | 346.4 | 342.4 | 346.4 | 357.3 | 373.2 |
| 140°   | 457.6 | 428.8 | 416.4  | 404.0 | 384.1 | 368.2 | 358.3 | 353.4 | 358.3 | 368.2 | 384.1 |
| 142.5° | 464.5 | 436.7 | 425.3  | 413.9 | 394.0 | 380.2 | 369.2 | 365.3 | 369.2 | 380.2 | 394.0 |
| 145°   | 470.5 | 444.7 | 433.2  | 421.8 | 405.0 | 390.1 | 381.1 | 378.2 | 381.1 | 390.1 | 405.0 |
| 147.5° | 475.4 | 451.6 | 441.7  | 431.8 | 414.9 | 402.0 | 393.1 | 391.1 | 393.1 | 402.0 | 414.9 |
| 150°   | 480.4 | 457.6 | 448.6  | 439.7 | 425.8 | 412.9 | 405.0 | 404.0 | 405.0 | 412.9 | 425.8 |
| 152.5° | 483.4 | 464.5 | 456.0  | 447.6 | 435.7 | 424.8 | 416.9 | 416.9 | 416.9 | 424.8 | 435.7 |
| 155°   | 487.3 | 470.5 | 463.6  | 456.6 | 445.7 | 435.7 | 429.8 | 429.8 | 429.8 | 435.7 | 445.7 |
| 157.5° | 489.3 | 475.4 | 470.0  | 464.5 | 454.6 | 445.7 | 440.7 | 439.7 | 440.7 | 445.7 | 454.6 |
| 160°   | 492.3 | 480.4 | 475.4  | 470.5 | 463.5 | 455.6 | 451.6 | 451.6 | 451.6 | 455.6 | 463.5 |
| 162.5° | 493.3 | 483.4 | 479.4  | 475.4 | 469.5 | 463.5 | 460.5 | 460.5 | 460.5 | 463.5 | 469.5 |
| 165°   | 494.3 | 486.4 | 482.9  | 479.4 | 475.4 | 470.5 | 468.5 | 469.5 | 468.5 | 470.5 | 475.4 |
| 167.5° | 494.3 | 488.3 | 485.8  | 483.4 | 480.4 | 476.4 | 475.4 | 476.4 | 475.4 | 476.4 | 480.4 |
| 170°   | 493.3 | 488.3 | 487.4  | 486.4 | 484.4 | 481.4 | 480.4 | 482.4 | 480.4 | 481.4 | 484.4 |
| 172.5° | 493.3 | 489.3 | 488.8  | 488.3 | 487.3 | 485.4 | 485.4 | 486.4 | 485.4 | 485.4 | 487.3 |
| 175°   | 492.3 | 490.3 | 489.8  | 489.3 | 489.3 | 487.3 | 488.3 | 489.3 | 488.3 | 487.3 | 489.3 |
| 177.5° | 491.3 | 490.3 | 490.3  | 490.3 | 490.3 | 489.3 | 490.3 | 491.3 | 490.3 | 489.3 | 490.3 |
| 180°   | 490.3 | 490.3 | 490.3  | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°   | 235°   | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 894.8 | 894.8  | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8  | 894.8  | 894.8  | 894.8  |
| 2.5°   | 883.3 | 879.4  | 877.9 | 874.1 | 864.9 | 858.8 | 851.9 | 847.3  | 848.0  | 844.2  | 846.5  |
| 5°     | 855.7 | 854.9  | 849.6 | 841.9 | 828.9 | 822.0 | 809.7 | 803.6  | 800.5  | 801.3  | 796.7  |
| 7.5°   | 832.7 | 825.8  | 822.0 | 809.7 | 797.5 | 782.9 | 773.0 | 767.6  | 763.0  | 758.4  | 755.3  |
| 10°    | 806.7 | 800.5  | 794.4 | 781.4 | 764.5 | 750.7 | 737.0 | 731.6  | 724.7  | 721.6  | 719.3  |
| 12.5°  | 779.1 | 775.3  | 767.6 | 752.3 | 733.1 | 720.1 | 704.0 | 700.9  | 691.8  | 685.6  | 684.1  |
| 15°    | 753.8 | 751.5  | 737.7 | 720.1 | 700.9 | 687.9 | 674.1 | 664.9  | 649.6  | 652.7  | 647.3  |
| 17.5°  | 727.0 | 717.0  | 708.6 | 684.9 | 675.7 | 655.7 | 639.7 | 635.1  | 624.3  | 617.4  | 610.6  |
| 20°    | 697.1 | 691.0  | 680.3 | 664.9 | 642.7 | 619.7 | 607.5 | 599.8  | 593.7  | 583.0  | 579.9  |
| 22.5°  | 668.8 | 661.1  | 651.9 | 632.0 | 612.8 | 593.7 | 576.8 | 569.9  | 562.3  | 554.6  | 550.0  |
| 25°    | 646.6 | 635.1  | 625.1 | 600.6 | 581.4 | 565.4 | 554.6 | 543.1  | 532.4  | 527.8  | 526.3  |
| 27.5°  | 612.1 | 605.2  | 595.2 | 572.2 | 554.6 | 537.0 | 527.0 | 519.4  | 507.9  | 502.5  | 497.9  |
| 30°    | 589.9 | 576.1  | 564.6 | 546.2 | 528.6 | 509.4 | 500.2 | 491.0  | 484.2  | 477.3  | 471.9  |
| 32.5°  | 560.0 | 549.3  | 540.1 | 521.7 | 504.1 | 486.4 | 476.5 | 462.7  | 458.9  | 453.5  | 447.4  |
| 35°    | 530.9 | 524.0  | 514.0 | 494.1 | 475.0 | 462.7 | 452.0 | 439.0  | 434.4  | 430.5  | 425.2  |
| 37.5°  | 503.3 | 493.3  | 486.4 | 467.3 | 450.4 | 435.9 | 427.5 | 416.7  | 413.7  | 409.1  | 405.2  |
| 40°    | 479.6 | 469.6  | 462.7 | 443.5 | 425.9 | 410.6 | 405.2 | 394.5  | 389.9  | 384.6  | 382.3  |
| 42.5°  | 452.7 | 444.3  | 435.1 | 421.3 | 402.9 | 387.6 | 376.9 | 370.8  | 364.6  | 362.3  | 357.8  |
| 45°    | 424.4 | 416.7  | 409.8 | 394.5 | 375.4 | 364.6 | 355.5 | 347.0  | 342.4  | 338.6  | 335.5  |
| 47.5°  | 399.9 | 393.0  | 383.8 | 366.9 | 351.6 | 341.7 | 332.5 | 324.0  | 319.4  | 314.9  | 311.0  |
| 50°    | 371.5 | 367.7  | 357.8 | 341.7 | 327.1 | 315.6 | 307.2 | 299.5  | 296.5  | 291.1  | 285.0  |
| 52.5°  | 346.3 | 339.4  | 330.9 | 317.9 | 304.9 | 291.1 | 279.6 | 275.0  | 269.7  | 266.6  | 261.2  |
| 55°    | 316.4 | 311.8  | 302.6 | 291.1 | 277.3 | 265.8 | 257.4 | 251.3  | 244.4  | 241.3  | 234.4  |
| 57.5°  | 291.1 | 282.7  | 278.1 | 263.5 | 250.5 | 239.0 | 232.9 | 226.8  | 219.1  | 214.5  | 211.4  |
| 60°    | 263.5 | 255.9  | 249.0 | 236.7 | 227.5 | 215.3 | 206.1 | 200.7  | 195.3  | 189.2  | 186.2  |
| 62.5°  | 236.7 | 230.6  | 222.2 | 212.2 | 200.7 | 190.7 | 183.9 | 176.2  | 173.1  | 167.0  | 164.7  |
| 65°    | 207.6 | 203.0  | 196.1 | 184.6 | 175.4 | 167.0 | 160.1 | 154.0  | 150.9  | 148.6  | 147.1  |
| 67.5°  | 181.6 | 175.4  | 170.8 | 160.9 | 150.9 | 144.0 | 140.2 | 136.4  | 132.5  | 130.2  | 127.9  |
| 70°    | 154.7 | 150.1  | 145.6 | 136.4 | 129.5 | 123.3 | 120.3 | 117.2  | 114.9  | 112.6  | 110.3  |
| 72.5°  | 127.2 | 124.9  | 120.3 | 114.1 | 108.8 | 104.2 | 101.9 | 98.1   | 95.8   | 91.9   | 90.4   |
| 75°    | 105.0 | 101.1  | 98.8  | 93.5  | 88.9  | 85.0  | 82.0  | 77.4   | 74.3   | 72.8   | 72.0   |
| 77.5°  | 82.7  | 81.2   | 78.1  | 73.5  | 71.2  | 67.4  | 62.8  | 61.3   | 59.8   | 59.8   | 59.0   |
| 80°    | 62.1  | 59.8   | 57.5  | 53.6  | 51.3  | 48.3  | 48.3  | 48.3   | 47.5   | 48.3   | 47.5   |
| 82.5°  | 42.1  | 40.6   | 39.1  | 36.8  | 36.0  | 36.0  | 36.8  | 36.8   | 36.8   | 36.8   | 36.8   |
| 85°    | 24.5  | 24.5   | 24.5  | 25.3  | 24.5  | 24.5  | 25.3  | 26.0   | 25.3   | 25.3   | 24.5   |
| 87.5°  | 11.5  | 11.5   | 12.3  | 12.3  | 13.0  | 13.0  | 13.0  | 13.0   | 13.0   | 13.0   | 13.8   |
| 90°    | 10.9  | 11.9   | 12.9  | 15.9  | 18.9  | 21.8  | 24.8  | 23.8   | 24.8   | 25.8   | 26.8   |
| 92.5°  | 50.6  | 59.6   | 68.5  | 100.2 | 152.9 | 204.5 | 184.6 | 138.0  | 98.3   | 76.4   | 66.5   |
| 95°    | 90.3  | 109.6  | 129.0 | 213.4 | 361.3 | 524.1 | 588.6 | 477.4  | 357.3  | 242.2  | 189.6  |
| 97.5°  | 104.2 | 125.6  | 146.9 | 230.3 | 402.0 | 675.9 | 905.2 | 936.0  | 820.9  | 619.4  | 488.3  |
| 100°   | 119.1 | 138.4  | 157.8 | 227.3 | 374.2 | 635.2 | 940.0 | 1135.5 | 1170.2 | 1089.8 | 973.7  |
| 102.5° | 136.0 | 153.4  | 170.7 | 231.3 | 350.4 | 575.7 | 875.4 | 1145.4 | 1286.4 | 1303.2 | 1247.7 |
| 105°   | 154.8 | 170.2  | 185.6 | 239.2 | 341.4 | 529.0 | 798.0 | 1082.9 | 1290.3 | 1389.6 | 1408.4 |
| 107.5° | 175.7 | 190.1  | 204.5 | 252.1 | 339.5 | 495.3 | 729.5 | 993.6  | 1230.8 | 1386.6 | 1464.0 |
| 110°   | 196.5 | 210.4  | 224.3 | 269.0 | 344.4 | 477.4 | 673.0 | 910.2  | 1137.5 | 1320.1 | 1445.2 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°   | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 218.4 | 231.8  | 245.2 | 285.9 | 354.3 | 467.5 | 635.2 | 837.7 | 1045.2 | 1232.8 | 1376.7 |
| 115°   | 240.2 | 253.6  | 267.0 | 304.7 | 365.3 | 466.5 | 610.4 | 782.1 | 965.8  | 1138.5 | 1284.4 |
| 117.5° | 262.0 | 274.4  | 286.9 | 324.6 | 379.2 | 467.5 | 593.6 | 745.4 | 904.2  | 1057.1 | 1191.1 |
| 120°   | 282.9 | 295.3  | 307.7 | 343.4 | 395.0 | 471.5 | 582.6 | 717.6 | 857.6  | 991.6  | 1110.7 |
| 122.5° | 301.7 | 315.1  | 328.5 | 363.3 | 409.9 | 478.4 | 575.7 | 694.8 | 820.9  | 939.0  | 1047.2 |
| 125°   | 320.6 | 334.0  | 347.4 | 382.1 | 425.8 | 485.4 | 569.7 | 675.9 | 789.1  | 897.3  | 992.6  |
| 127.5° | 338.5 | 351.9  | 365.3 | 399.0 | 438.7 | 493.3 | 566.8 | 658.1 | 760.3  | 858.6  | 945.9  |
| 130°   | 354.3 | 367.7  | 381.1 | 413.9 | 451.6 | 501.2 | 563.8 | 644.2 | 733.5  | 822.8  | 903.2  |
| 132.5° | 369.2 | 382.1  | 395.0 | 426.8 | 463.5 | 507.2 | 562.8 | 631.3 | 708.7  | 789.1  | 862.5  |
| 135°   | 382.1 | 395.5  | 408.9 | 439.7 | 473.5 | 513.2 | 561.8 | 620.4 | 686.9  | 757.3  | 821.8  |
| 137.5° | 394.0 | 406.4  | 418.9 | 448.6 | 481.4 | 517.1 | 559.8 | 610.4 | 666.0  | 725.6  | 783.1  |
| 140°   | 404.0 | 416.4  | 428.8 | 457.6 | 487.3 | 521.1 | 558.8 | 601.5 | 648.1  | 698.8  | 746.4  |
| 142.5° | 413.9 | 425.3  | 436.7 | 464.5 | 493.3 | 524.1 | 556.8 | 593.6 | 631.3  | 673.0  | 712.7  |
| 145°   | 421.8 | 433.2  | 444.7 | 470.5 | 497.3 | 525.1 | 554.8 | 586.6 | 618.4  | 651.1  | 682.9  |
| 147.5° | 431.8 | 441.7  | 451.6 | 475.4 | 500.3 | 525.1 | 551.9 | 579.7 | 607.4  | 634.2  | 661.0  |
| 150°   | 439.7 | 448.6  | 457.6 | 480.4 | 501.2 | 525.1 | 547.9 | 572.7 | 595.5  | 618.4  | 639.2  |
| 152.5° | 447.6 | 456.0  | 464.5 | 483.4 | 503.2 | 522.1 | 542.9 | 564.8 | 584.6  | 603.5  | 621.3  |
| 155°   | 456.6 | 463.6  | 470.5 | 487.3 | 503.2 | 520.1 | 537.0 | 556.8 | 573.7  | 589.6  | 604.5  |
| 157.5° | 464.5 | 470.0  | 475.4 | 489.3 | 504.2 | 517.1 | 532.0 | 547.9 | 561.8  | 575.7  | 587.6  |
| 160°   | 470.5 | 475.4  | 480.4 | 492.3 | 504.2 | 515.1 | 526.1 | 539.0 | 551.9  | 562.8  | 572.7  |
| 162.5° | 475.4 | 479.4  | 483.4 | 493.3 | 503.2 | 511.2 | 520.1 | 530.0 | 540.0  | 548.9  | 557.8  |
| 165°   | 479.4 | 482.9  | 486.4 | 494.3 | 501.2 | 507.2 | 514.1 | 522.1 | 530.0  | 536.0  | 542.9  |
| 167.5° | 483.4 | 485.8  | 488.3 | 494.3 | 500.3 | 503.2 | 508.2 | 514.1 | 521.1  | 526.1  | 530.0  |
| 170°   | 486.4 | 487.4  | 488.3 | 493.3 | 497.3 | 499.3 | 502.2 | 507.2 | 512.2  | 515.1  | 519.1  |
| 172.5° | 488.3 | 488.8  | 489.3 | 493.3 | 496.3 | 496.3 | 497.3 | 500.3 | 504.2  | 506.2  | 509.2  |
| 175°   | 489.3 | 489.8  | 490.3 | 492.3 | 494.3 | 493.3 | 493.3 | 495.3 | 497.3  | 498.3  | 500.3  |
| 177.5° | 490.3 | 490.3  | 490.3 | 491.3 | 493.3 | 491.3 | 490.3 | 491.3 | 492.3  | 493.3  | 494.3  |
| 180°   | 490.3 | 490.3  | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3  | 490.3  | 490.3  |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  | 894.8  |
| 2.5°   | 845.7  | 846.5  | 844.2  | 839.6  | 838.8  | 840.4  | 845.0  | 843.4  | 839.6  | 846.5  | 840.4  |
| 5°     | 799.0  | 795.2  | 793.6  | 795.2  | 790.6  | 788.3  | 792.9  | 790.6  | 792.9  | 793.6  | 795.9  |
| 7.5°   | 753.8  | 754.6  | 750.0  | 750.7  | 744.6  | 746.1  | 746.1  | 746.1  | 748.4  | 750.0  | 753.0  |
| 10°    | 714.7  | 716.3  | 710.9  | 711.7  | 707.1  | 704.0  | 706.3  | 710.9  | 710.9  | 710.9  | 712.4  |
| 12.5°  | 683.3  | 676.4  | 672.6  | 671.8  | 666.5  | 664.9  | 669.5  | 671.1  | 674.9  | 674.9  | 677.2  |
| 15°    | 644.3  | 642.7  | 639.7  | 639.7  | 626.6  | 629.7  | 631.2  | 636.6  | 644.3  | 638.1  | 639.7  |
| 17.5°  | 609.0  | 605.2  | 601.4  | 599.8  | 598.3  | 593.7  | 599.8  | 599.1  | 603.7  | 604.4  | 606.7  |
| 20°    | 577.6  | 574.5  | 566.9  | 567.7  | 569.2  | 562.3  | 566.1  | 566.1  | 570.7  | 575.3  | 580.7  |
| 22.5°  | 547.0  | 543.9  | 540.1  | 541.6  | 537.0  | 535.5  | 535.5  | 539.3  | 544.7  | 548.5  | 547.7  |
| 25°    | 523.2  | 517.9  | 515.6  | 513.3  | 511.0  | 512.5  | 510.2  | 514.0  | 517.9  | 520.2  | 517.9  |
| 27.5°  | 496.4  | 494.1  | 489.5  | 487.2  | 483.4  | 484.9  | 486.4  | 489.5  | 491.8  | 491.8  | 494.1  |
| 30°    | 470.4  | 467.3  | 465.8  | 463.5  | 463.5  | 460.4  | 461.2  | 464.2  | 466.5  | 468.8  | 471.9  |
| 32.5°  | 445.1  | 442.8  | 440.5  | 440.5  | 439.0  | 438.2  | 437.4  | 442.0  | 442.0  | 446.6  | 446.6  |
| 35°    | 424.4  | 420.6  | 420.6  | 416.7  | 418.3  | 417.5  | 416.0  | 419.0  | 419.8  | 422.9  | 422.1  |
| 37.5°  | 401.4  | 401.4  | 399.9  | 396.1  | 393.0  | 393.8  | 397.6  | 397.6  | 399.9  | 399.1  | 401.4  |
| 40°    | 378.4  | 376.9  | 376.9  | 374.6  | 373.8  | 373.1  | 373.8  | 374.6  | 378.4  | 377.7  | 378.4  |
| 42.5°  | 355.5  | 356.2  | 352.4  | 352.4  | 352.4  | 350.1  | 350.9  | 351.6  | 353.2  | 354.7  | 357.0  |
| 45°    | 333.2  | 331.7  | 330.9  | 329.4  | 327.9  | 328.6  | 327.9  | 330.9  | 330.2  | 331.7  | 334.0  |
| 47.5°  | 309.5  | 307.2  | 306.4  | 303.4  | 303.4  | 304.9  | 304.1  | 306.4  | 307.2  | 309.5  | 308.0  |
| 50°    | 286.5  | 283.4  | 281.1  | 281.9  | 277.3  | 278.8  | 278.8  | 281.1  | 283.4  | 284.2  | 285.7  |
| 52.5°  | 259.7  | 258.9  | 258.2  | 254.3  | 253.6  | 252.8  | 253.6  | 254.3  | 257.4  | 259.7  | 260.5  |
| 55°    | 233.6  | 232.9  | 228.3  | 226.8  | 224.5  | 224.5  | 226.0  | 226.8  | 232.1  | 232.9  | 235.9  |
| 57.5°  | 209.9  | 207.6  | 202.2  | 201.5  | 201.5  | 201.5  | 199.2  | 202.2  | 203.8  | 207.6  | 207.6  |
| 60°    | 183.9  | 183.9  | 179.3  | 179.3  | 180.0  | 179.3  | 179.3  | 180.0  | 180.0  | 183.1  | 184.6  |
| 62.5°  | 163.2  | 162.4  | 162.4  | 160.9  | 160.1  | 160.9  | 160.1  | 160.1  | 160.9  | 163.2  | 165.5  |
| 65°    | 144.8  | 144.0  | 143.3  | 142.5  | 141.0  | 141.0  | 141.7  | 143.3  | 143.3  | 144.8  | 145.6  |
| 67.5°  | 127.2  | 127.2  | 125.6  | 125.6  | 124.9  | 124.1  | 124.9  | 124.1  | 127.2  | 127.2  | 127.9  |
| 70°    | 109.5  | 108.8  | 106.5  | 105.7  | 103.4  | 104.2  | 104.2  | 106.5  | 107.2  | 108.8  | 110.3  |
| 72.5°  | 88.1   | 88.1   | 86.6   | 85.0   | 85.8   | 84.3   | 84.3   | 85.0   | 85.0   | 87.3   | 88.1   |
| 75°    | 72.8   | 71.2   | 70.5   | 71.2   | 70.5   | 72.0   | 70.5   | 70.5   | 72.0   | 72.0   | 72.0   |
| 77.5°  | 59.8   | 59.8   | 59.0   | 59.0   | 59.8   | 59.0   | 59.8   | 59.8   | 59.8   | 59.0   | 59.8   |
| 80°    | 49.0   | 48.3   | 48.3   | 48.3   | 47.5   | 47.5   | 47.5   | 47.5   | 47.5   | 47.5   | 47.5   |
| 82.5°  | 36.8   | 36.8   | 36.0   | 36.8   | 36.8   | 36.0   | 36.8   | 36.0   | 36.0   | 36.8   | 36.8   |
| 85°    | 24.5   | 26.0   | 24.5   | 24.5   | 25.3   | 25.3   | 26.0   | 25.3   | 26.0   | 24.5   | 25.3   |
| 87.5°  | 13.0   | 13.8   | 13.8   | 13.0   | 13.0   | 13.8   | 13.8   | 13.8   | 14.6   | 13.0   | 13.8   |
| 90°    | 27.8   | 28.8   | 27.8   | 28.8   | 29.8   | 28.8   | 29.8   | 28.8   | 27.8   | 28.8   | 27.8   |
| 92.5°  | 63.0   | 59.6   | 57.6   | 53.6   | 54.6   | 52.6   | 54.6   | 53.6   | 57.6   | 59.6   | 63.0   |
| 95°    | 171.7  | 153.8  | 135.0  | 126.1  | 119.1  | 115.1  | 119.1  | 126.1  | 135.0  | 153.8  | 171.7  |
| 97.5°  | 431.8  | 375.2  | 308.7  | 271.0  | 247.1  | 236.2  | 247.1  | 271.0  | 308.7  | 375.2  | 431.8  |
| 100°   | 903.2  | 832.8  | 732.5  | 660.1  | 621.3  | 622.3  | 621.3  | 660.1  | 732.5  | 832.8  | 903.2  |
| 102.5° | 1209.4 | 1171.2 | 1098.8 | 1045.2 | 1014.4 | 985.6  | 1014.4 | 1045.2 | 1098.8 | 1171.2 | 1209.4 |
| 105°   | 1395.5 | 1382.6 | 1337.0 | 1299.3 | 1267.5 | 1262.5 | 1267.5 | 1299.3 | 1337.0 | 1382.6 | 1395.5 |
| 107.5° | 1477.4 | 1490.8 | 1484.9 | 1467.0 | 1454.1 | 1443.2 | 1454.1 | 1467.0 | 1484.9 | 1490.8 | 1477.4 |
| 110°   | 1480.0 | 1514.7 | 1542.4 | 1550.4 | 1548.4 | 1546.4 | 1548.4 | 1550.4 | 1542.4 | 1514.7 | 1480.0 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1423.8 | 1471.0 | 1527.6 | 1556.3 | 1566.3 | 1567.3 | 1566.3 | 1556.3 | 1527.6 | 1471.0 | 1423.8 |
| 115°   | 1338.5 | 1392.6 | 1467.0 | 1510.7 | 1530.5 | 1535.5 | 1530.5 | 1510.7 | 1467.0 | 1392.6 | 1338.5 |
| 117.5° | 1247.2 | 1303.2 | 1380.7 | 1429.3 | 1459.1 | 1466.0 | 1459.1 | 1429.3 | 1380.7 | 1303.2 | 1247.2 |
| 120°   | 1160.8 | 1210.9 | 1289.3 | 1344.9 | 1368.7 | 1374.7 | 1368.7 | 1344.9 | 1289.3 | 1210.9 | 1160.8 |
| 122.5° | 1092.8 | 1138.5 | 1206.0 | 1254.6 | 1281.4 | 1289.3 | 1281.4 | 1254.6 | 1206.0 | 1138.5 | 1092.8 |
| 125°   | 1032.3 | 1072.0 | 1135.5 | 1179.2 | 1204.0 | 1210.9 | 1204.0 | 1179.2 | 1135.5 | 1072.0 | 1032.3 |
| 127.5° | 982.6  | 1019.4 | 1076.9 | 1114.6 | 1137.5 | 1143.4 | 1137.5 | 1114.6 | 1076.9 | 1019.4 | 982.6  |
| 130°   | 937.0  | 970.7  | 1023.3 | 1059.1 | 1079.9 | 1087.8 | 1079.9 | 1059.1 | 1023.3 | 970.7  | 937.0  |
| 132.5° | 894.3  | 926.1  | 974.7  | 1010.4 | 1028.3 | 1033.3 | 1028.3 | 1010.4 | 974.7  | 926.1  | 894.3  |
| 135°   | 850.1  | 878.4  | 927.1  | 956.8  | 974.7  | 981.6  | 974.7  | 956.8  | 927.1  | 878.4  | 850.1  |
| 137.5° | 808.4  | 833.8  | 875.4  | 906.2  | 921.1  | 927.1  | 921.1  | 906.2  | 875.4  | 833.8  | 808.4  |
| 140°   | 767.8  | 789.1  | 826.8  | 854.6  | 870.5  | 869.5  | 870.5  | 854.6  | 826.8  | 789.1  | 767.8  |
| 142.5° | 730.6  | 748.4  | 779.2  | 803.0  | 816.9  | 815.9  | 816.9  | 803.0  | 779.2  | 748.4  | 730.6  |
| 145°   | 697.3  | 711.7  | 736.5  | 757.3  | 765.3  | 767.3  | 765.3  | 757.3  | 736.5  | 711.7  | 697.3  |
| 147.5° | 671.4  | 681.9  | 701.7  | 716.6  | 724.6  | 725.6  | 724.6  | 716.6  | 701.7  | 681.9  | 671.4  |
| 150°   | 648.7  | 658.1  | 673.0  | 683.9  | 689.8  | 689.8  | 689.8  | 683.9  | 673.0  | 658.1  | 648.7  |
| 152.5° | 628.8  | 636.2  | 647.2  | 657.1  | 660.1  | 660.1  | 660.1  | 657.1  | 647.2  | 636.2  | 628.8  |
| 155°   | 610.4  | 616.4  | 625.3  | 633.3  | 635.2  | 636.2  | 635.2  | 633.3  | 625.3  | 616.4  | 610.4  |
| 157.5° | 592.6  | 597.5  | 605.5  | 611.4  | 613.4  | 613.4  | 613.4  | 611.4  | 605.5  | 597.5  | 592.6  |
| 160°   | 576.2  | 579.7  | 586.6  | 592.6  | 592.6  | 591.6  | 592.6  | 592.6  | 586.6  | 579.7  | 576.2  |
| 162.5° | 560.8  | 563.8  | 567.7  | 572.7  | 572.7  | 571.7  | 572.7  | 572.7  | 567.7  | 563.8  | 560.8  |
| 165°   | 545.4  | 547.9  | 551.9  | 555.8  | 554.8  | 554.8  | 554.8  | 555.8  | 551.9  | 547.9  | 545.4  |
| 167.5° | 532.0  | 534.0  | 536.0  | 539.0  | 538.0  | 538.0  | 538.0  | 539.0  | 536.0  | 534.0  | 532.0  |
| 170°   | 520.1  | 521.1  | 522.1  | 524.1  | 523.1  | 523.1  | 523.1  | 524.1  | 522.1  | 521.1  | 520.1  |
| 172.5° | 509.7  | 510.2  | 510.2  | 512.2  | 510.2  | 509.2  | 510.2  | 512.2  | 510.2  | 510.2  | 509.7  |
| 175°   | 500.3  | 500.3  | 500.3  | 501.2  | 500.3  | 499.3  | 500.3  | 501.2  | 500.3  | 500.3  | 500.3  |
| 177.5° | 494.3  | 494.3  | 493.3  | 494.3  | 492.3  | 492.3  | 492.3  | 494.3  | 493.3  | 494.3  | 494.3  |
| 180°   | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  | 490.3  |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 894.8  | 894.8  | 894.8  | 894.8  | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8  | 894.8 |
| 2.5°   | 846.5  | 849.6  | 846.5  | 840.4  | 846.5 | 850.3 | 854.2 | 860.3 | 863.4 | 863.4  | 867.9 |
| 5°     | 798.2  | 804.4  | 802.1  | 800.5  | 806.7 | 810.5 | 816.6 | 824.3 | 832.7 | 838.1  | 844.2 |
| 7.5°   | 755.3  | 759.2  | 763.0  | 763.0  | 769.1 | 777.6 | 786.7 | 795.9 | 806.7 | 814.3  | 818.9 |
| 10°    | 717.8  | 720.9  | 723.2  | 726.2  | 735.4 | 744.6 | 756.9 | 768.4 | 777.6 | 786.0  | 793.6 |
| 12.5°  | 681.8  | 686.4  | 691.8  | 694.1  | 700.9 | 712.4 | 723.9 | 737.7 | 752.3 | 760.7  | 768.4 |
| 15°    | 647.3  | 649.6  | 655.7  | 662.6  | 668.8 | 681.0 | 695.6 | 710.1 | 722.4 | 735.4  | 742.3 |
| 17.5°  | 612.1  | 612.8  | 628.9  | 625.1  | 645.0 | 656.5 | 664.2 | 678.0 | 697.9 | 708.6  | 719.3 |
| 20°    | 577.6  | 585.3  | 592.2  | 596.0  | 606.7 | 619.7 | 642.0 | 652.7 | 668.8 | 678.7  | 687.9 |
| 22.5°  | 550.8  | 562.3  | 562.3  | 571.5  | 576.8 | 589.1 | 605.2 | 625.9 | 643.5 | 650.4  | 663.4 |
| 25°    | 527.0  | 532.4  | 541.6  | 544.7  | 554.6 | 565.4 | 576.1 | 598.3 | 617.4 | 626.6  | 635.8 |
| 27.5°  | 496.4  | 503.3  | 515.6  | 515.6  | 528.6 | 540.1 | 553.1 | 567.7 | 586.8 | 599.8  | 609.8 |
| 30°    | 472.7  | 479.6  | 484.9  | 493.3  | 498.7 | 509.4 | 532.4 | 543.1 | 560.0 | 571.5  | 583.7 |
| 32.5°  | 450.4  | 455.8  | 460.4  | 469.6  | 475.7 | 488.0 | 500.2 | 519.4 | 533.9 | 544.7  | 557.7 |
| 35°    | 425.9  | 431.3  | 437.4  | 444.3  | 453.5 | 465.0 | 476.5 | 492.6 | 507.1 | 517.1  | 527.8 |
| 37.5°  | 402.9  | 406.8  | 416.0  | 420.6  | 428.2 | 439.0 | 453.5 | 470.4 | 483.4 | 491.0  | 501.8 |
| 40°    | 380.7  | 383.8  | 390.7  | 399.1  | 404.5 | 412.9 | 428.2 | 442.8 | 458.9 | 468.1  | 476.5 |
| 42.5°  | 357.0  | 360.8  | 366.9  | 375.4  | 383.8 | 393.0 | 401.4 | 418.3 | 432.8 | 440.5  | 449.7 |
| 45°    | 336.3  | 338.6  | 343.2  | 351.6  | 360.0 | 366.9 | 380.0 | 395.3 | 409.1 | 415.2  | 425.2 |
| 47.5°  | 311.8  | 314.1  | 321.0  | 324.8  | 334.0 | 343.2 | 356.2 | 371.5 | 383.8 | 389.9  | 399.1 |
| 50°    | 286.5  | 288.8  | 293.4  | 301.8  | 308.0 | 317.9 | 329.4 | 342.4 | 357.8 | 366.2  | 371.5 |
| 52.5°  | 262.0  | 266.6  | 270.4  | 277.3  | 285.0 | 294.9 | 305.7 | 317.9 | 330.9 | 339.4  | 345.5 |
| 55°    | 237.5  | 241.3  | 245.9  | 249.7  | 258.9 | 268.1 | 280.4 | 291.9 | 303.4 | 311.0  | 317.9 |
| 57.5°  | 209.9  | 215.3  | 219.9  | 227.5  | 234.4 | 242.1 | 255.9 | 265.1 | 278.8 | 284.2  | 290.3 |
| 60°    | 186.2  | 191.5  | 195.3  | 201.5  | 207.6 | 217.6 | 226.8 | 238.2 | 249.7 | 256.6  | 264.3 |
| 62.5°  | 166.2  | 168.5  | 170.8  | 177.0  | 183.1 | 192.3 | 201.5 | 213.0 | 225.2 | 229.1  | 235.2 |
| 65°    | 146.3  | 148.6  | 152.4  | 157.8  | 162.4 | 167.8 | 177.7 | 186.9 | 198.4 | 204.5  | 206.8 |
| 67.5°  | 129.5  | 131.8  | 132.5  | 136.4  | 140.2 | 146.3 | 151.7 | 160.9 | 171.6 | 175.4  | 180.0 |
| 70°    | 110.3  | 114.1  | 114.9  | 118.0  | 119.5 | 123.3 | 129.5 | 136.4 | 144.8 | 151.7  | 155.5 |
| 72.5°  | 88.1   | 93.5   | 95.0   | 99.6   | 101.9 | 105.7 | 110.3 | 115.7 | 121.0 | 124.1  | 127.2 |
| 75°    | 72.0   | 73.5   | 74.3   | 78.1   | 82.0  | 87.3  | 89.6  | 92.7  | 97.3  | 101.1  | 104.2 |
| 77.5°  | 59.8   | 60.5   | 61.3   | 61.3   | 62.1  | 65.1  | 69.7  | 73.5  | 76.6  | 78.1   | 80.4  |
| 80°    | 48.3   | 47.5   | 47.5   | 48.3   | 48.3  | 48.3  | 49.8  | 55.2  | 56.7  | 60.5   | 59.8  |
| 82.5°  | 37.5   | 36.0   | 36.8   | 36.0   | 36.0  | 36.0  | 36.0  | 36.8  | 36.8  | 39.1   | 40.6  |
| 85°    | 24.5   | 25.3   | 24.5   | 24.5   | 23.7  | 24.5  | 23.7  | 23.7  | 23.0  | 23.0   | 22.2  |
| 87.5°  | 13.0   | 13.8   | 13.0   | 13.0   | 12.3  | 13.0  | 12.3  | 12.3  | 11.5  | 11.5   | 10.0  |
| 90°    | 26.8   | 25.8   | 24.8   | 23.8   | 24.8  | 21.8  | 18.9  | 15.9  | 12.9  | 11.9   | 10.9  |
| 92.5°  | 66.5   | 76.4   | 98.3   | 138.0  | 184.6 | 204.5 | 152.9 | 100.2 | 68.5  | 59.6   | 50.6  |
| 95°    | 189.6  | 242.2  | 357.3  | 477.4  | 588.6 | 524.1 | 361.3 | 213.4 | 129.0 | 109.6  | 90.3  |
| 97.5°  | 488.3  | 619.4  | 820.9  | 936.0  | 905.2 | 675.9 | 402.0 | 230.3 | 146.9 | 125.6  | 104.2 |
| 100°   | 973.7  | 1089.8 | 1170.2 | 1135.5 | 940.0 | 635.2 | 374.2 | 227.3 | 157.8 | 138.4  | 119.1 |
| 102.5° | 1247.7 | 1303.2 | 1286.4 | 1145.4 | 875.4 | 575.7 | 350.4 | 231.3 | 170.7 | 153.4  | 136.0 |
| 105°   | 1408.4 | 1389.6 | 1290.3 | 1082.9 | 798.0 | 529.0 | 341.4 | 239.2 | 185.6 | 170.2  | 154.8 |
| 107.5° | 1464.0 | 1386.6 | 1230.8 | 993.6  | 729.5 | 495.3 | 339.5 | 252.1 | 204.5 | 190.1  | 175.7 |
| 110°   | 1445.2 | 1320.1 | 1137.5 | 910.2  | 673.0 | 477.4 | 344.4 | 269.0 | 224.3 | 210.4  | 196.5 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1376.7 | 1232.8 | 1045.2 | 837.7 | 635.2 | 467.5 | 354.3 | 285.9 | 245.2 | 231.8  | 218.4 |
| 115°   | 1284.4 | 1138.5 | 965.8  | 782.1 | 610.4 | 466.5 | 365.3 | 304.7 | 267.0 | 253.6  | 240.2 |
| 117.5° | 1191.1 | 1057.1 | 904.2  | 745.4 | 593.6 | 467.5 | 379.2 | 324.6 | 286.9 | 274.4  | 262.0 |
| 120°   | 1110.7 | 991.6  | 857.6  | 717.6 | 582.6 | 471.5 | 395.0 | 343.4 | 307.7 | 295.3  | 282.9 |
| 122.5° | 1047.2 | 939.0  | 820.9  | 694.8 | 575.7 | 478.4 | 409.9 | 363.3 | 328.5 | 315.1  | 301.7 |
| 125°   | 992.6  | 897.3  | 789.1  | 675.9 | 569.7 | 485.4 | 425.8 | 382.1 | 347.4 | 334.0  | 320.6 |
| 127.5° | 945.9  | 858.6  | 760.3  | 658.1 | 566.8 | 493.3 | 438.7 | 399.0 | 365.3 | 351.9  | 338.5 |
| 130°   | 903.2  | 822.8  | 733.5  | 644.2 | 563.8 | 501.2 | 451.6 | 413.9 | 381.1 | 367.7  | 354.3 |
| 132.5° | 862.5  | 789.1  | 708.7  | 631.3 | 562.8 | 507.2 | 463.5 | 426.8 | 395.0 | 382.1  | 369.2 |
| 135°   | 821.8  | 757.3  | 686.9  | 620.4 | 561.8 | 513.2 | 473.5 | 439.7 | 408.9 | 395.5  | 382.1 |
| 137.5° | 783.1  | 725.6  | 666.0  | 610.4 | 559.8 | 517.1 | 481.4 | 448.6 | 418.9 | 406.4  | 394.0 |
| 140°   | 746.4  | 698.8  | 648.1  | 601.5 | 558.8 | 521.1 | 487.3 | 457.6 | 428.8 | 416.4  | 404.0 |
| 142.5° | 712.7  | 673.0  | 631.3  | 593.6 | 556.8 | 524.1 | 493.3 | 464.5 | 436.7 | 425.3  | 413.9 |
| 145°   | 682.9  | 651.1  | 618.4  | 586.6 | 554.8 | 525.1 | 497.3 | 470.5 | 444.7 | 433.2  | 421.8 |
| 147.5° | 661.0  | 634.2  | 607.4  | 579.7 | 551.9 | 525.1 | 500.3 | 475.4 | 451.6 | 441.7  | 431.8 |
| 150°   | 639.2  | 618.4  | 595.5  | 572.7 | 547.9 | 525.1 | 501.2 | 480.4 | 457.6 | 448.6  | 439.7 |
| 152.5° | 621.3  | 603.5  | 584.6  | 564.8 | 542.9 | 522.1 | 503.2 | 483.4 | 464.5 | 456.0  | 447.6 |
| 155°   | 604.5  | 589.6  | 573.7  | 556.8 | 537.0 | 520.1 | 503.2 | 487.3 | 470.5 | 463.6  | 456.6 |
| 157.5° | 587.6  | 575.7  | 561.8  | 547.9 | 532.0 | 517.1 | 504.2 | 489.3 | 475.4 | 470.0  | 464.5 |
| 160°   | 572.7  | 562.8  | 551.9  | 539.0 | 526.1 | 515.1 | 504.2 | 492.3 | 480.4 | 475.4  | 470.5 |
| 162.5° | 557.8  | 548.9  | 540.0  | 530.0 | 520.1 | 511.2 | 503.2 | 493.3 | 483.4 | 479.4  | 475.4 |
| 165°   | 542.9  | 536.0  | 530.0  | 522.1 | 514.1 | 507.2 | 501.2 | 494.3 | 486.4 | 482.9  | 479.4 |
| 167.5° | 530.0  | 526.1  | 521.1  | 514.1 | 508.2 | 503.2 | 500.3 | 494.3 | 488.3 | 485.8  | 483.4 |
| 170°   | 519.1  | 515.1  | 512.2  | 507.2 | 502.2 | 499.3 | 497.3 | 493.3 | 488.3 | 487.4  | 486.4 |
| 172.5° | 509.2  | 506.2  | 504.2  | 500.3 | 497.3 | 496.3 | 496.3 | 493.3 | 489.3 | 488.8  | 488.3 |
| 175°   | 500.3  | 498.3  | 497.3  | 495.3 | 493.3 | 493.3 | 494.3 | 492.3 | 490.3 | 489.8  | 489.3 |
| 177.5° | 494.3  | 493.3  | 492.3  | 491.3 | 490.3 | 491.3 | 493.3 | 491.3 | 490.3 | 490.3  | 490.3 |
| 180°   | 490.3  | 490.3  | 490.3  | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3 | 490.3  | 490.3 |

TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 894.8 | 894.8 | 894.8 | 894.8 |
| 2.5°   | 871.8 | 877.1 | 887.9 | 897.1 |
| 5°     | 853.4 | 861.8 | 877.9 | 894.0 |
| 7.5°   | 831.2 | 844.2 | 864.9 | 887.1 |
| 10°    | 809.7 | 826.6 | 851.9 | 877.9 |
| 12.5°  | 788.3 | 805.9 | 832.7 | 866.4 |
| 15°    | 763.0 | 781.4 | 813.6 | 854.2 |
| 17.5°  | 740.8 | 765.3 | 794.4 | 835.0 |
| 20°    | 717.0 | 735.4 | 773.0 | 815.9 |
| 22.5°  | 687.2 | 717.8 | 753.0 | 798.2 |
| 25°    | 663.4 | 690.2 | 725.5 | 776.8 |
| 27.5°  | 634.3 | 665.7 | 708.6 | 753.8 |
| 30°    | 610.6 | 636.6 | 676.4 | 730.8 |
| 32.5°  | 583.0 | 613.6 | 655.0 | 708.6 |
| 35°    | 558.5 | 584.5 | 623.6 | 678.0 |
| 37.5°  | 529.3 | 557.7 | 601.4 | 649.6 |
| 40°    | 504.1 | 531.6 | 573.0 | 618.2 |
| 42.5°  | 473.4 | 502.5 | 543.9 | 582.2 |
| 45°    | 448.9 | 475.7 | 508.7 | 543.9 |
| 47.5°  | 419.0 | 447.4 | 479.6 | 504.1 |
| 50°    | 392.2 | 418.3 | 443.5 | 464.2 |
| 52.5°  | 363.1 | 386.9 | 409.8 | 425.2 |
| 55°    | 336.3 | 354.7 | 373.1 | 383.8 |
| 57.5°  | 304.9 | 322.5 | 337.8 | 344.0 |
| 60°    | 277.3 | 291.9 | 301.8 | 308.7 |
| 62.5°  | 248.2 | 258.9 | 266.6 | 270.4 |
| 65°    | 219.9 | 227.5 | 231.4 | 235.2 |
| 67.5°  | 190.7 | 197.6 | 199.9 | 204.5 |
| 70°    | 160.1 | 167.8 | 169.3 | 171.6 |
| 72.5°  | 137.1 | 137.1 | 140.2 | 143.3 |
| 75°    | 109.5 | 111.1 | 112.6 | 112.6 |
| 77.5°  | 85.8  | 85.8  | 87.3  | 88.1  |
| 80°    | 62.8  | 63.6  | 63.6  | 62.8  |
| 82.5°  | 42.9  | 44.4  | 42.9  | 42.1  |
| 85°    | 23.7  | 26.8  | 25.3  | 25.3  |
| 87.5°  | 10.0  | 10.0  | 11.5  | 10.0  |
| 90°    | 8.9   | 6.0   | 4.0   | 2.0   |
| 92.5°  | 40.7  | 31.8  | 21.8  | 14.9  |
| 95°    | 64.5  | 47.6  | 36.7  | 33.7  |
| 97.5°  | 78.4  | 63.5  | 54.6  | 53.6  |
| 100°   | 95.3  | 81.4  | 74.4  | 73.4  |
| 102.5° | 115.1 | 102.2 | 96.3  | 94.3  |
| 105°   | 136.0 | 124.1 | 118.1 | 115.1 |
| 107.5° | 157.8 | 145.9 | 140.0 | 137.0 |
| 110°   | 179.7 | 168.7 | 163.8 | 160.8 |



TEST NUMBER: P1012566

CATALOG NUMBER: S123RDIP-B560D1025UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 201.5 | 190.6 | 185.6 | 182.6 |
| 115°   | 223.3 | 213.4 | 207.4 | 203.5 |
| 117.5° | 243.2 | 234.2 | 229.3 | 224.3 |
| 120°   | 264.0 | 254.1 | 249.1 | 246.2 |
| 122.5° | 283.9 | 273.0 | 268.0 | 265.0 |
| 125°   | 301.7 | 290.8 | 284.9 | 282.9 |
| 127.5° | 317.6 | 306.7 | 299.8 | 296.8 |
| 130°   | 333.5 | 321.6 | 312.7 | 309.7 |
| 132.5° | 348.4 | 333.5 | 323.6 | 319.6 |
| 135°   | 361.3 | 346.4 | 335.5 | 331.5 |
| 137.5° | 373.2 | 357.3 | 346.4 | 342.4 |
| 140°   | 384.1 | 368.2 | 358.3 | 353.4 |
| 142.5° | 394.0 | 380.2 | 369.2 | 365.3 |
| 145°   | 405.0 | 390.1 | 381.1 | 378.2 |
| 147.5° | 414.9 | 402.0 | 393.1 | 391.1 |
| 150°   | 425.8 | 412.9 | 405.0 | 404.0 |
| 152.5° | 435.7 | 424.8 | 416.9 | 416.9 |
| 155°   | 445.7 | 435.7 | 429.8 | 429.8 |
| 157.5° | 454.6 | 445.7 | 440.7 | 439.7 |
| 160°   | 463.5 | 455.6 | 451.6 | 451.6 |
| 162.5° | 469.5 | 463.5 | 460.5 | 460.5 |
| 165°   | 475.4 | 470.5 | 468.5 | 469.5 |
| 167.5° | 480.4 | 476.4 | 475.4 | 476.4 |
| 170°   | 484.4 | 481.4 | 480.4 | 482.4 |
| 172.5° | 487.3 | 485.4 | 485.4 | 486.4 |
| 175°   | 489.3 | 487.3 | 488.3 | 489.3 |
| 177.5° | 490.3 | 489.3 | 490.3 | 491.3 |
| 180°   | 490.3 | 490.3 | 490.3 | 490.3 |

(END OF REPORT)