

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: P331777-935

Luminaire Tested: **S122RDIW-S290D1240U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331777-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIW-S290D1240U935-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1240 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

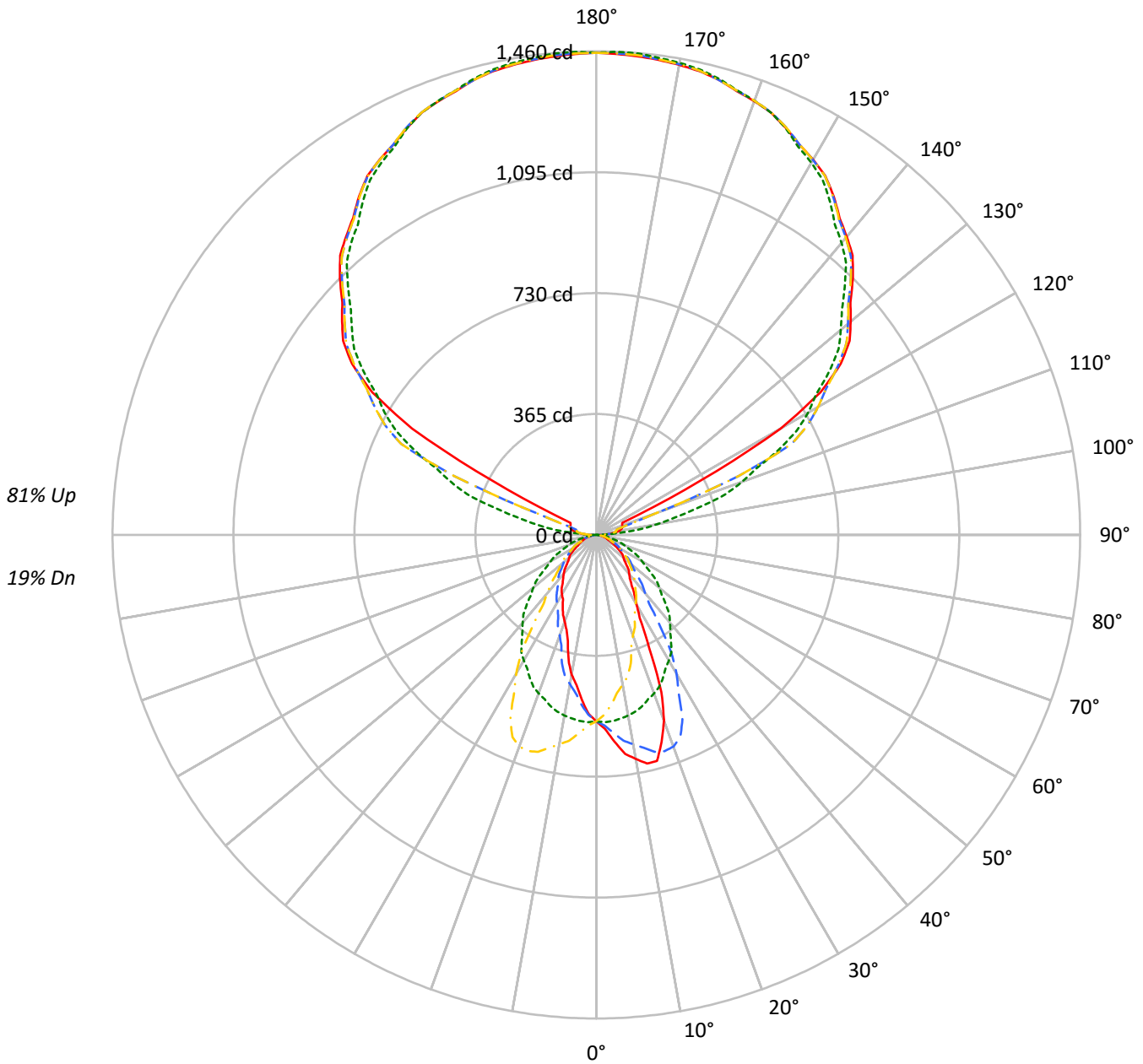
Lumens per Lamp: N/A  
Luminaire Lumens: 5241.9 lumens  
Efficiency: N/A  
Efficacy: 112.5 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 46.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 100 | 100 | 100 | 100 | 88 | 88 | 88 | 88 | 66 | 66 | 66 | 46 | 46 | 46 | 27 | 27 | 27 | 19 |
| 1   | 91  | 87  | 83  | 80  | 80 | 77 | 74 | 71 | 58 | 56 | 54 | 41 | 39 | 38 | 24 | 24 | 23 | 16 |
| 2   | 83  | 76  | 71  | 66  | 73 | 68 | 63 | 59 | 51 | 48 | 45 | 36 | 34 | 33 | 22 | 21 | 20 | 14 |
| 3   | 76  | 67  | 60  | 55  | 67 | 60 | 54 | 49 | 45 | 42 | 38 | 32 | 30 | 28 | 20 | 19 | 18 | 12 |
| 4   | 69  | 60  | 52  | 47  | 61 | 53 | 47 | 42 | 40 | 36 | 33 | 29 | 26 | 24 | 18 | 16 | 15 | 11 |
| 5   | 64  | 53  | 46  | 40  | 56 | 47 | 41 | 36 | 36 | 32 | 28 | 26 | 23 | 21 | 16 | 15 | 14 | 10 |
| 6   | 59  | 47  | 40  | 35  | 52 | 42 | 36 | 31 | 32 | 28 | 25 | 23 | 21 | 18 | 15 | 13 | 12 | 9  |
| 7   | 54  | 43  | 35  | 30  | 48 | 38 | 32 | 27 | 29 | 25 | 22 | 21 | 18 | 16 | 14 | 12 | 11 | 8  |
| 8   | 50  | 39  | 32  | 27  | 44 | 35 | 28 | 24 | 27 | 22 | 19 | 19 | 17 | 15 | 12 | 11 | 10 | 7  |
| 9   | 47  | 35  | 28  | 24  | 41 | 32 | 26 | 21 | 25 | 20 | 17 | 18 | 15 | 13 | 12 | 10 | 9  | 7  |
| 10  | 43  | 32  | 26  | 21  | 38 | 29 | 23 | 19 | 23 | 18 | 15 | 16 | 14 | 12 | 11 | 9  | 8  | 6  |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 9087  | 9087 | 9087 | 9087 |
| 5°  | 10149 | 9144 | 8109 | 9144 |
| 10° | 11262 | 9081 | 7029 | 9081 |
| 15° | 11814 | 8948 | 5538 | 8948 |
| 20° | 10244 | 8751 | 4792 | 8751 |
| 25° | 6716  | 8480 | 4277 | 8480 |
| 30° | 4521  | 8153 | 3872 | 8153 |
| 35° | 3662  | 7740 | 3493 | 7740 |
| 40° | 3256  | 7290 | 3231 | 7290 |
| 45° | 2948  | 6766 | 2884 | 6766 |
| 50° | 2683  | 6244 | 2673 | 6244 |
| 55° | 2519  | 5664 | 2488 | 5664 |
| 60° | 2109  | 5134 | 2086 | 5134 |
| 65° | 1780  | 4661 | 2017 | 4661 |
| 70° | 1643  | 4164 | 1902 | 4164 |
| 75° | 1535  | 3624 | 1759 | 3624 |
| 80° | 1413  | 2985 | 1562 | 2985 |
| 85° | 1315  | 2353 | 1371 | 2353 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 53.4   | 1.0       |
| 10°-20°   | 148.7  | 2.8       |
| 20°-30°   | 191.6  | 3.7       |
| 30°-40°   | 182.1  | 3.5       |
| 40°-50°   | 156.0  | 3.0       |
| 50°-60°   | 118.8  | 2.3       |
| 60°-70°   | 75.1   | 1.4       |
| 70°-80°   | 37.5   | 0.7       |
| 80°-90°   | 13.3   | 0.3       |
| 90°-100°  | 48.6   | 0.9       |
| 100°-110° | 178.1  | 3.4       |
| 110°-120° | 476.0  | 9.1       |
| 120°-130° | 785.7  | 15.0      |
| 130°-140° | 835.5  | 15.9      |
| 140°-150° | 776.6  | 14.8      |
| 150°-160° | 624.4  | 11.9      |
| 160°-170° | 402.3  | 7.7       |
| 170°-180° | 138.5  | 2.6       |
| 0°-30°    | 393.6  | 7.5       |
| 0°-40°    | 575.7  | 11.0      |
| 0°-60°    | 850.4  | 16.2      |
| 0°-90°    | 976.4  | 18.6      |
| 90°-120°  | 702.6  | 13.4      |
| 90°-150°  | 3100.4 | 59.1      |
| 90°-180°  | 4266.0 | 81.4      |
| 0°-180°   | 5241.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 563  | 563  | 563  | 563  | 563  |      |
| 5°   | 626  | 564  | 500  | 564  | 626  | 62   |
| 15°  | 707  | 535  | 331  | 535  | 707  | 191  |
| 25°  | 377  | 476  | 240  | 476  | 377  | 179  |
| 35°  | 186  | 393  | 177  | 393  | 186  | 119  |
| 45°  | 129  | 296  | 126  | 296  | 129  | 100  |
| 55°  | 90   | 201  | 88   | 201  | 90   | 79   |
| 65°  | 47   | 122  | 53   | 122  | 47   | 47   |
| 75°  | 25   | 58   | 28   | 58   | 25   | 26   |
| 85°  | 7    | 13   | 7    | 13   | 7    | 8    |
| 90°  | 28   | 1    | 28   | 1    | 28   | 13   |
| 95°  | 45   | 68   | 45   | 68   | 45   | 42   |
| 105° | 80   | 320  | 80   | 320  | 80   | 83   |
| 115° | 86   | 606  | 86   | 606  | 86   | 216  |
| 125° | 900  | 856  | 900  | 856  | 900  | 779  |
| 135° | 1094 | 1060 | 1094 | 1060 | 1094 | 843  |
| 145° | 1248 | 1229 | 1248 | 1229 | 1248 | 781  |
| 155° | 1354 | 1353 | 1354 | 1353 | 1354 | 625  |
| 165° | 1423 | 1426 | 1423 | 1426 | 1423 | 402  |
| 175° | 1450 | 1459 | 1450 | 1459 | 1450 | 138  |
| 180° | 1456 | 1456 | 1456 | 1456 | 1456 |      |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 |
| 2.5°   | 585.7 | 586.2 | 586.7 | 585.6 | 585.6 | 584.6 | 582.6 | 581.0 | 576.6 | 576.0 | 576.0 |
| 5°     | 626.2 | 625.9 | 626.6 | 624.1 | 620.6 | 619.7 | 616.0 | 611.1 | 606.1 | 600.5 | 599.3 |
| 7.5°   | 666.5 | 665.9 | 664.3 | 663.9 | 661.2 | 655.3 | 649.4 | 643.0 | 634.6 | 626.3 | 622.2 |
| 10°    | 686.9 | 693.4 | 689.4 | 682.6 | 683.9 | 674.8 | 669.9 | 661.4 | 654.4 | 642.0 | 639.4 |
| 12.5°  | 706.9 | 709.5 | 708.2 | 704.3 | 702.6 | 696.2 | 689.6 | 682.3 | 669.3 | 658.2 | 648.6 |
| 15°    | 706.8 | 710.5 | 711.5 | 710.3 | 711.3 | 710.9 | 707.4 | 701.4 | 690.0 | 677.9 | 667.3 |
| 17.5°  | 654.6 | 657.2 | 663.7 | 668.0 | 673.5 | 685.0 | 690.8 | 692.9 | 691.3 | 684.3 | 676.9 |
| 20°    | 596.2 | 591.9 | 609.8 | 619.0 | 626.8 | 646.4 | 663.2 | 669.7 | 680.0 | 679.8 | 677.9 |
| 22.5°  | 513.2 | 514.2 | 531.2 | 542.2 | 565.0 | 584.6 | 603.7 | 628.0 | 648.1 | 661.3 | 669.1 |
| 25°    | 377.0 | 384.5 | 401.5 | 416.4 | 441.8 | 478.2 | 511.3 | 549.6 | 585.7 | 614.3 | 641.5 |
| 27.5°  | 283.2 | 283.8 | 297.2 | 311.0 | 326.1 | 355.9 | 397.5 | 443.2 | 494.8 | 537.4 | 586.3 |
| 30°    | 242.5 | 241.3 | 247.0 | 255.5 | 268.4 | 291.4 | 322.7 | 367.6 | 419.1 | 483.3 | 540.4 |
| 32.5°  | 213.7 | 213.8 | 218.1 | 224.3 | 235.0 | 250.6 | 272.0 | 308.6 | 357.1 | 420.3 | 487.2 |
| 35°    | 185.8 | 185.6 | 188.7 | 193.2 | 197.7 | 207.7 | 222.4 | 241.5 | 275.0 | 333.8 | 402.3 |
| 37.5°  | 165.7 | 166.6 | 168.2 | 171.0 | 175.9 | 181.5 | 190.3 | 203.2 | 227.0 | 261.8 | 319.3 |
| 40°    | 154.5 | 154.9 | 157.0 | 159.4 | 162.3 | 166.6 | 173.8 | 184.3 | 201.6 | 229.4 | 271.5 |
| 42.5°  | 144.2 | 144.6 | 146.1 | 148.3 | 150.6 | 154.9 | 160.9 | 169.9 | 184.0 | 205.6 | 240.3 |
| 45°    | 129.1 | 129.1 | 130.4 | 131.4 | 134.0 | 137.8 | 142.8 | 150.2 | 160.0 | 176.0 | 199.1 |
| 47.5°  | 114.9 | 114.9 | 115.9 | 117.5 | 119.2 | 122.2 | 127.0 | 133.1 | 140.2 | 152.6 | 172.3 |
| 50°    | 106.8 | 107.0 | 107.5 | 108.9 | 109.9 | 112.6 | 116.4 | 121.7 | 129.1 | 138.7 | 155.1 |
| 52.5°  | 100.2 | 100.1 | 100.8 | 101.4 | 102.1 | 104.0 | 106.9 | 111.5 | 118.1 | 126.5 | 140.1 |
| 55°    | 89.5  | 88.8  | 90.0  | 90.9  | 91.5  | 92.3  | 93.8  | 96.8  | 102.5 | 109.5 | 119.7 |
| 57.5°  | 76.3  | 75.9  | 76.8  | 77.7  | 79.6  | 81.6  | 83.0  | 84.8  | 87.7  | 92.8  | 102.9 |
| 60°    | 65.3  | 65.3  | 67.1  | 67.7  | 69.8  | 72.6  | 75.3  | 76.9  | 79.8  | 83.1  | 90.6  |
| 62.5°  | 55.6  | 55.8  | 56.6  | 57.2  | 58.4  | 61.7  | 65.6  | 69.1  | 71.8  | 75.0  | 79.9  |
| 65°    | 46.6  | 46.9  | 46.9  | 47.4  | 48.1  | 48.9  | 50.5  | 53.2  | 58.1  | 62.6  | 66.3  |
| 67.5°  | 39.5  | 39.6  | 39.8  | 40.1  | 40.3  | 41.2  | 41.8  | 43.0  | 44.2  | 48.4  | 53.0  |
| 70°    | 34.8  | 35.4  | 35.2  | 35.6  | 35.8  | 36.2  | 36.9  | 37.5  | 39.3  | 40.3  | 43.0  |
| 72.5°  | 30.4  | 30.8  | 30.8  | 31.1  | 31.6  | 31.7  | 32.3  | 32.9  | 34.0  | 34.8  | 36.3  |
| 75°    | 24.6  | 24.5  | 24.6  | 25.1  | 25.2  | 25.4  | 25.4  | 26.2  | 26.8  | 27.6  | 28.6  |
| 77.5°  | 19.0  | 19.2  | 19.2  | 19.2  | 19.3  | 19.6  | 19.5  | 19.9  | 20.5  | 20.9  | 21.4  |
| 80°    | 15.2  | 15.4  | 15.2  | 15.4  | 15.7  | 15.8  | 15.7  | 15.8  | 16.4  | 16.8  | 16.8  |
| 82.5°  | 11.8  | 11.9  | 12.0  | 12.0  | 12.1  | 12.1  | 12.4  | 12.4  | 12.8  | 12.7  | 12.9  |
| 85°    | 7.1   | 6.9   | 6.9   | 6.9   | 7.1   | 7.2   | 7.1   | 7.1   | 7.2   | 7.2   | 7.2   |
| 87.5°  | 8.2   | 8.3   | 8.2   | 8.1   | 8.0   | 7.8   | 7.6   | 7.5   | 7.1   | 7.1   | 6.5   |
| 90°    | 28.4  | 28.0  | 27.5  | 27.0  | 26.6  | 25.7  | 24.5  | 23.4  | 22.2  | 21.1  | 19.2  |
| 92.5°  | 28.4  | 28.2  | 27.9  | 27.6  | 27.3  | 26.9  | 26.3  | 25.7  | 25.1  | 24.5  | 23.5  |
| 95°    | 45.3  | 45.5  | 45.7  | 46.0  | 46.2  | 45.7  | 44.6  | 43.4  | 42.3  | 41.1  | 39.4  |
| 97.5°  | 60.4  | 60.2  | 59.9  | 59.6  | 59.3  | 58.7  | 57.8  | 56.8  | 55.9  | 55.0  | 51.2  |
| 100°   | 70.6  | 70.1  | 69.7  | 69.1  | 68.7  | 67.5  | 65.6  | 63.8  | 61.9  | 60.0  | 56.1  |
| 102.5° | 75.6  | 75.0  | 74.3  | 73.6  | 73.0  | 71.5  | 69.1  | 66.6  | 64.1  | 61.7  | 95.0  |
| 105°   | 80.1  | 79.1  | 78.2  | 77.2  | 76.3  | 74.6  | 72.0  | 69.4  | 66.8  | 64.2  | 128.1 |
| 107.5° | 82.4  | 81.5  | 80.5  | 79.6  | 78.6  | 79.5  | 82.1  | 84.7  | 87.3  | 90.0  | 166.6 |
| 110°   | 83.2  | 82.3  | 81.4  | 80.4  | 79.5  | 90.7  | 114.1 | 137.5 | 160.9 | 184.3 | 251.9 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 84.0   | 83.3   | 82.6   | 81.8   | 81.0   | 123.4  | 208.8  | 294.1  | 379.5  | 464.9  | 481.6  |
| 115°   | 86.4   | 103.2  | 120.1  | 136.9  | 153.8  | 216.4  | 324.8  | 433.1  | 541.5  | 649.9  | 644.0  |
| 117.5° | 352.6  | 408.0  | 463.4  | 518.8  | 574.1  | 614.9  | 641.1  | 667.4  | 693.5  | 719.8  | 715.7  |
| 120°   | 642.5  | 674.1  | 705.7  | 737.3  | 768.9  | 783.3  | 780.4  | 777.7  | 774.8  | 772.0  | 767.8  |
| 122.5° | 801.7  | 807.9  | 814.0  | 820.1  | 826.2  | 828.5  | 826.8  | 825.1  | 823.4  | 821.7  | 817.2  |
| 125°   | 900.5  | 899.8  | 899.1  | 898.4  | 897.7  | 896.6  | 894.9  | 893.3  | 891.7  | 890.0  | 885.5  |
| 127.5° | 962.9  | 962.7  | 962.6  | 962.4  | 962.3  | 961.0  | 958.6  | 956.2  | 953.9  | 951.5  | 948.1  |
| 130°   | 1001.6 | 1001.9 | 1002.1 | 1002.3 | 1002.5 | 1001.3 | 998.8  | 996.3  | 993.7  | 991.1  | 988.5  |
| 132.5° | 1039.6 | 1039.7 | 1040.0 | 1040.3 | 1040.4 | 1039.5 | 1037.2 | 1035.1 | 1032.9 | 1030.7 | 1028.1 |
| 135°   | 1094.3 | 1094.8 | 1095.3 | 1095.7 | 1096.1 | 1095.3 | 1092.9 | 1090.5 | 1088.2 | 1085.9 | 1083.7 |
| 137.5° | 1144.2 | 1145.0 | 1145.8 | 1146.6 | 1147.4 | 1146.7 | 1144.4 | 1142.0 | 1139.8 | 1137.5 | 1135.1 |
| 140°   | 1175.4 | 1176.6 | 1177.8 | 1178.9 | 1180.1 | 1179.7 | 1177.5 | 1175.4 | 1173.3 | 1171.2 | 1168.6 |
| 142.5° | 1205.7 | 1206.9 | 1208.1 | 1209.3 | 1210.4 | 1210.0 | 1208.2 | 1206.2 | 1204.3 | 1202.4 | 1199.4 |
| 145°   | 1248.1 | 1249.2 | 1250.4 | 1251.5 | 1252.8 | 1252.5 | 1250.9 | 1249.2 | 1247.6 | 1246.0 | 1242.0 |
| 147.5° | 1285.4 | 1286.3 | 1287.3 | 1288.3 | 1289.3 | 1289.2 | 1288.0 | 1286.8 | 1285.6 | 1284.3 | 1280.4 |
| 150°   | 1308.1 | 1309.2 | 1310.4 | 1311.6 | 1312.8 | 1312.7 | 1311.3 | 1309.8 | 1308.5 | 1307.1 | 1303.3 |
| 152.5° | 1327.5 | 1329.0 | 1330.6 | 1332.1 | 1333.7 | 1333.8 | 1332.3 | 1330.9 | 1329.6 | 1328.1 | 1324.6 |
| 155°   | 1354.4 | 1356.3 | 1358.2 | 1360.0 | 1361.9 | 1362.2 | 1360.8 | 1359.3 | 1358.0 | 1356.6 | 1353.8 |
| 157.5° | 1379.1 | 1381.0 | 1382.8 | 1384.6 | 1386.4 | 1386.6 | 1384.9 | 1383.4 | 1381.7 | 1380.2 | 1378.2 |
| 160°   | 1393.4 | 1395.1 | 1396.7 | 1398.4 | 1400.0 | 1400.1 | 1398.7 | 1397.3 | 1395.9 | 1394.5 | 1393.1 |
| 162.5° | 1405.2 | 1407.2 | 1409.2 | 1411.3 | 1413.2 | 1413.5 | 1411.9 | 1410.3 | 1408.7 | 1407.1 | 1405.9 |
| 165°   | 1422.9 | 1424.5 | 1426.2 | 1427.8 | 1429.4 | 1429.4 | 1427.8 | 1426.2 | 1424.5 | 1422.9 | 1422.2 |
| 167.5° | 1434.1 | 1436.1 | 1438.3 | 1440.4 | 1442.5 | 1442.7 | 1441.1 | 1439.4 | 1437.8 | 1436.1 | 1435.5 |
| 170°   | 1440.8 | 1442.9 | 1445.0 | 1447.2 | 1449.2 | 1449.5 | 1447.9 | 1446.2 | 1444.6 | 1442.9 | 1442.4 |
| 172.5° | 1445.9 | 1447.9 | 1450.1 | 1452.2 | 1454.3 | 1454.5 | 1452.9 | 1451.2 | 1449.6 | 1447.9 | 1447.5 |
| 175°   | 1450.3 | 1452.6 | 1455.0 | 1457.3 | 1459.7 | 1460.0 | 1458.4 | 1456.7 | 1455.1 | 1453.5 | 1453.0 |
| 177.5° | 1453.0 | 1454.7 | 1456.4 | 1458.1 | 1459.7 | 1460.0 | 1458.6 | 1457.3 | 1456.0 | 1454.7 | 1454.5 |
| 180°   | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 |
| 2.5°   | 576.4 | 575.1 | 573.9 | 571.2 | 569.7 | 566.6 | 566.2 | 566.0 | 562.0 | 558.0 | 556.9 |
| 5°     | 596.2 | 593.0 | 588.3 | 582.8 | 577.1 | 571.3 | 567.4 | 564.2 | 556.4 | 549.0 | 544.7 |
| 7.5°   | 616.0 | 609.3 | 601.2 | 590.9 | 582.2 | 572.6 | 565.3 | 558.9 | 547.8 | 537.1 | 529.9 |
| 10°    | 630.9 | 620.0 | 609.2 | 595.0 | 583.8 | 572.8 | 562.7 | 553.9 | 541.4 | 527.3 | 517.3 |
| 12.5°  | 640.2 | 628.1 | 613.3 | 599.3 | 584.9 | 570.9 | 557.3 | 546.0 | 531.3 | 516.8 | 505.0 |
| 15°    | 652.6 | 639.7 | 621.7 | 601.8 | 583.2 | 565.0 | 549.4 | 535.3 | 516.2 | 498.7 | 484.2 |
| 17.5°  | 662.9 | 645.1 | 625.8 | 602.7 | 581.2 | 558.1 | 538.0 | 520.0 | 498.6 | 477.6 | 460.5 |
| 20°    | 666.2 | 648.5 | 626.2 | 603.1 | 577.7 | 550.5 | 528.8 | 509.3 | 486.4 | 463.5 | 443.9 |
| 22.5°  | 664.1 | 650.4 | 625.6 | 598.0 | 572.0 | 543.5 | 519.0 | 496.3 | 470.9 | 447.5 | 424.9 |
| 25°    | 650.3 | 645.6 | 622.2 | 592.0 | 562.3 | 529.3 | 500.8 | 476.0 | 447.1 | 422.1 | 397.4 |
| 27.5°  | 618.1 | 628.3 | 613.7 | 581.6 | 548.5 | 513.2 | 481.2 | 453.0 | 422.9 | 394.8 | 370.2 |
| 30°    | 587.1 | 610.4 | 604.2 | 574.4 | 537.4 | 502.7 | 466.8 | 437.3 | 405.3 | 376.3 | 352.1 |
| 32.5°  | 544.8 | 583.2 | 589.3 | 564.4 | 526.2 | 487.9 | 450.4 | 421.0 | 387.5 | 357.1 | 333.4 |
| 35°    | 477.2 | 534.7 | 561.1 | 545.3 | 507.0 | 465.6 | 427.0 | 392.7 | 359.0 | 329.0 | 305.5 |
| 37.5°  | 396.7 | 475.0 | 519.0 | 520.1 | 484.9 | 442.0 | 399.8 | 365.8 | 331.4 | 301.9 | 276.5 |
| 40°    | 344.4 | 429.3 | 486.6 | 499.3 | 469.6 | 423.3 | 380.6 | 345.9 | 312.4 | 283.4 | 254.3 |
| 42.5°  | 297.5 | 382.0 | 452.5 | 474.6 | 451.0 | 404.9 | 362.1 | 326.0 | 293.3 | 265.9 | 236.1 |
| 45°    | 240.6 | 314.5 | 392.1 | 431.6 | 418.5 | 375.9 | 330.7 | 296.3 | 265.6 | 241.9 | 213.4 |
| 47.5°  | 202.9 | 255.0 | 330.2 | 383.6 | 383.4 | 344.5 | 300.0 | 267.1 | 238.6 | 216.4 | 193.3 |
| 50°    | 181.5 | 226.9 | 290.4 | 351.0 | 356.1 | 323.5 | 281.2 | 248.6 | 222.0 | 198.7 | 180.1 |
| 52.5°  | 162.2 | 199.7 | 256.8 | 315.0 | 329.4 | 301.1 | 260.1 | 230.0 | 204.1 | 182.7 | 166.9 |
| 55°    | 137.1 | 166.1 | 209.5 | 263.8 | 285.8 | 265.8 | 229.4 | 201.2 | 180.3 | 162.3 | 148.6 |
| 57.5°  | 116.0 | 137.7 | 172.5 | 216.3 | 241.8 | 229.3 | 199.2 | 176.3 | 158.4 | 142.2 | 131.4 |
| 60°    | 102.7 | 120.5 | 150.0 | 186.6 | 214.7 | 206.0 | 180.3 | 159.0 | 143.8 | 129.7 | 119.5 |
| 62.5°  | 90.1  | 105.5 | 130.8 | 160.5 | 186.2 | 182.6 | 161.7 | 143.8 | 130.4 | 117.6 | 109.0 |
| 65°    | 72.6  | 83.7  | 103.5 | 126.7 | 147.5 | 149.2 | 134.1 | 122.0 | 110.1 | 100.0 | 92.3  |
| 67.5°  | 57.8  | 65.1  | 79.0  | 98.6  | 114.1 | 119.7 | 110.5 | 101.2 | 91.7  | 83.9  | 77.2  |
| 70°    | 48.7  | 54.6  | 64.7  | 80.6  | 94.9  | 100.7 | 95.4  | 88.2  | 80.0  | 73.5  | 67.8  |
| 72.5°  | 39.4  | 45.2  | 52.7  | 64.3  | 76.5  | 82.9  | 81.0  | 75.9  | 69.2  | 63.8  | 58.5  |
| 75°    | 29.7  | 31.5  | 36.6  | 44.4  | 54.0  | 59.5  | 60.8  | 58.1  | 52.8  | 48.7  | 45.5  |
| 77.5°  | 22.0  | 23.1  | 25.5  | 29.5  | 35.8  | 40.7  | 42.7  | 42.4  | 38.7  | 36.4  | 33.4  |
| 80°    | 17.6  | 18.2  | 19.4  | 21.1  | 25.8  | 30.7  | 32.1  | 32.1  | 29.5  | 28.6  | 25.7  |
| 82.5°  | 13.3  | 13.8  | 14.6  | 15.5  | 17.7  | 22.0  | 23.5  | 23.8  | 22.2  | 20.9  | 18.6  |
| 85°    | 7.7   | 7.4   | 7.8   | 8.4   | 8.8   | 10.0  | 12.3  | 12.7  | 12.3  | 10.8  | 10.2  |
| 87.5°  | 6.1   | 5.9   | 5.5   | 4.9   | 4.6   | 4.2   | 4.5   | 4.7   | 4.6   | 4.6   | 4.9   |
| 90°    | 17.3  | 15.4  | 13.6  | 11.4  | 8.8   | 6.2   | 3.6   | 1.0   | 3.6   | 6.2   | 8.8   |
| 92.5°  | 22.6  | 21.6  | 20.7  | 20.3  | 20.6  | 20.8  | 21.0  | 21.3  | 21.0  | 20.8  | 20.6  |
| 95°    | 37.8  | 36.2  | 34.5  | 37.5  | 45.3  | 53.0  | 60.7  | 68.4  | 60.7  | 53.0  | 45.3  |
| 97.5°  | 47.4  | 43.6  | 39.8  | 48.8  | 70.6  | 92.3  | 114.1 | 135.9 | 114.1 | 92.3  | 70.6  |
| 100°   | 52.1  | 48.1  | 44.1  | 58.2  | 90.2  | 122.3 | 154.4 | 186.4 | 154.4 | 122.3 | 90.2  |
| 102.5° | 128.3 | 161.5 | 194.8 | 214.9 | 221.7 | 228.4 | 235.2 | 242.0 | 235.2 | 228.4 | 221.7 |
| 105°   | 192.0 | 256.0 | 319.9 | 348.3 | 341.2 | 334.2 | 327.2 | 320.2 | 327.2 | 334.2 | 341.2 |
| 107.5° | 243.2 | 319.9 | 396.5 | 432.0 | 426.3 | 420.6 | 414.9 | 409.3 | 414.9 | 420.6 | 426.3 |
| 110°   | 319.6 | 387.3 | 454.9 | 486.2 | 481.3 | 476.4 | 471.5 | 466.6 | 471.5 | 476.4 | 481.3 |





TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 498.3  | 515.1  | 531.8  | 538.0  | 533.6  | 529.2  | 524.9  | 520.5  | 524.9  | 529.2  | 533.6  |
| 115°   | 638.2  | 632.3  | 626.5  | 621.6  | 617.5  | 613.5  | 609.6  | 605.6  | 609.6  | 613.5  | 617.5  |
| 117.5° | 711.7  | 707.7  | 703.7  | 699.5  | 695.0  | 690.5  | 686.1  | 681.7  | 686.1  | 690.5  | 695.0  |
| 120°   | 763.6  | 759.4  | 755.2  | 751.3  | 747.8  | 744.2  | 740.8  | 737.3  | 740.8  | 744.2  | 747.8  |
| 122.5° | 812.5  | 808.0  | 803.4  | 799.3  | 795.6  | 791.9  | 788.2  | 784.5  | 788.2  | 791.9  | 795.6  |
| 125°   | 881.1  | 876.7  | 872.2  | 868.4  | 865.4  | 862.4  | 859.3  | 856.3  | 859.3  | 862.4  | 865.4  |
| 127.5° | 944.9  | 941.5  | 938.2  | 934.9  | 931.5  | 928.1  | 924.7  | 921.4  | 924.7  | 928.1  | 931.5  |
| 130°   | 985.9  | 983.3  | 980.8  | 977.7  | 973.9  | 970.2  | 966.4  | 962.7  | 966.4  | 970.2  | 973.9  |
| 132.5° | 1025.5 | 1023.0 | 1020.4 | 1017.5 | 1014.3 | 1011.2 | 1008.0 | 1004.8 | 1008.0 | 1011.2 | 1014.3 |
| 135°   | 1081.7 | 1079.5 | 1077.5 | 1074.5 | 1070.7 | 1067.0 | 1063.2 | 1059.5 | 1063.2 | 1067.0 | 1070.7 |
| 137.5° | 1132.7 | 1130.3 | 1127.9 | 1125.4 | 1122.8 | 1120.2 | 1117.6 | 1114.9 | 1117.6 | 1120.2 | 1122.8 |
| 140°   | 1166.1 | 1163.5 | 1160.9 | 1158.6 | 1156.8 | 1154.9 | 1153.1 | 1151.2 | 1153.1 | 1154.9 | 1156.8 |
| 142.5° | 1196.4 | 1193.5 | 1190.6 | 1188.3 | 1186.5 | 1184.9 | 1183.2 | 1181.6 | 1183.2 | 1184.9 | 1186.5 |
| 145°   | 1238.0 | 1234.1 | 1230.0 | 1228.2 | 1228.4 | 1228.6 | 1228.9 | 1229.1 | 1228.9 | 1228.6 | 1228.4 |
| 147.5° | 1276.4 | 1272.5 | 1268.6 | 1267.0 | 1267.9 | 1268.9 | 1269.7 | 1270.6 | 1269.7 | 1268.9 | 1267.9 |
| 150°   | 1299.6 | 1295.8 | 1292.1 | 1291.0 | 1292.6 | 1294.3 | 1296.0 | 1297.6 | 1296.0 | 1294.3 | 1292.6 |
| 152.5° | 1321.0 | 1317.4 | 1313.9 | 1313.0 | 1314.8 | 1316.6 | 1318.5 | 1320.3 | 1318.5 | 1316.6 | 1314.8 |
| 155°   | 1350.9 | 1348.2 | 1345.3 | 1345.0 | 1347.0 | 1349.2 | 1351.3 | 1353.4 | 1351.3 | 1349.2 | 1347.0 |
| 157.5° | 1376.2 | 1374.2 | 1372.3 | 1372.2 | 1374.0 | 1375.7 | 1377.5 | 1379.3 | 1377.5 | 1375.7 | 1374.0 |
| 160°   | 1391.6 | 1390.3 | 1388.9 | 1388.9 | 1390.3 | 1391.6 | 1393.1 | 1394.5 | 1393.1 | 1391.6 | 1390.3 |
| 162.5° | 1404.6 | 1403.4 | 1402.2 | 1402.3 | 1403.8 | 1405.2 | 1406.5 | 1408.0 | 1406.5 | 1405.2 | 1403.8 |
| 165°   | 1421.5 | 1420.8 | 1420.1 | 1420.5 | 1421.9 | 1423.2 | 1424.7 | 1426.1 | 1424.7 | 1423.2 | 1421.9 |
| 167.5° | 1434.9 | 1434.3 | 1433.6 | 1433.9 | 1435.4 | 1436.8 | 1438.1 | 1439.6 | 1438.1 | 1436.8 | 1435.4 |
| 170°   | 1442.0 | 1441.5 | 1441.1 | 1441.5 | 1442.9 | 1444.3 | 1445.7 | 1447.2 | 1445.7 | 1444.3 | 1442.9 |
| 172.5° | 1447.0 | 1446.6 | 1446.1 | 1446.6 | 1447.9 | 1449.4 | 1450.8 | 1452.2 | 1450.8 | 1449.4 | 1447.9 |
| 175°   | 1452.5 | 1452.1 | 1451.6 | 1452.2 | 1453.8 | 1455.4 | 1457.1 | 1458.7 | 1457.1 | 1455.4 | 1453.8 |
| 177.5° | 1454.3 | 1454.1 | 1454.0 | 1454.5 | 1455.9 | 1457.2 | 1458.4 | 1459.7 | 1458.4 | 1457.2 | 1455.9 |
| 180°   | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 |
| 2.5°   | 554.9 | 553.8 | 551.7 | 548.6 | 546.7 | 543.5 | 541.3 | 542.5 | 542.9 | 542.5 | 542.3 |
| 5°     | 540.0 | 535.9 | 530.2 | 524.7 | 519.6 | 514.2 | 511.0 | 509.7 | 507.0 | 505.4 | 504.5 |
| 7.5°   | 521.9 | 514.9 | 506.9 | 497.3 | 489.2 | 480.7 | 476.4 | 474.2 | 468.6 | 465.6 | 463.0 |
| 10°    | 508.5 | 497.3 | 489.3 | 476.8 | 469.2 | 458.1 | 450.4 | 450.6 | 443.0 | 438.7 | 435.6 |
| 12.5°  | 493.6 | 481.4 | 468.0 | 456.8 | 446.2 | 437.2 | 428.0 | 424.3 | 416.2 | 412.1 | 403.6 |
| 15°    | 469.0 | 454.7 | 440.7 | 425.4 | 414.7 | 400.7 | 387.4 | 371.2 | 358.1 | 346.7 | 343.6 |
| 17.5°  | 442.1 | 424.4 | 410.3 | 392.4 | 373.9 | 350.6 | 335.2 | 325.7 | 317.9 | 311.9 | 307.4 |
| 20°    | 423.6 | 405.6 | 390.5 | 363.6 | 338.7 | 322.9 | 311.6 | 304.3 | 296.1 | 289.6 | 286.1 |
| 22.5°  | 404.2 | 385.5 | 364.9 | 334.8 | 315.4 | 302.7 | 292.7 | 284.3 | 278.7 | 273.7 | 270.4 |
| 25°    | 376.7 | 356.1 | 322.3 | 301.6 | 285.9 | 272.6 | 265.6 | 260.5 | 254.7 | 247.8 | 244.7 |
| 27.5°  | 347.6 | 315.0 | 290.6 | 275.2 | 260.3 | 251.7 | 245.3 | 237.7 | 232.5 | 229.4 | 226.1 |
| 30°    | 325.8 | 293.2 | 274.2 | 257.4 | 246.8 | 237.2 | 229.8 | 225.5 | 220.4 | 215.2 | 213.0 |
| 32.5°  | 301.6 | 275.5 | 257.3 | 243.3 | 232.6 | 224.4 | 218.5 | 211.5 | 207.9 | 204.7 | 200.2 |
| 35°    | 271.5 | 251.7 | 235.1 | 223.8 | 213.5 | 206.9 | 200.1 | 196.0 | 189.3 | 186.6 | 184.9 |
| 37.5°  | 246.0 | 228.9 | 216.5 | 204.5 | 196.4 | 189.1 | 184.9 | 178.3 | 175.5 | 171.6 | 167.9 |
| 40°    | 231.5 | 214.7 | 202.9 | 193.0 | 184.0 | 178.6 | 173.3 | 168.0 | 163.7 | 162.0 | 157.5 |
| 42.5°  | 216.9 | 203.2 | 191.2 | 180.6 | 174.5 | 168.7 | 162.0 | 158.2 | 153.7 | 150.8 | 148.1 |
| 45°    | 196.6 | 184.4 | 174.3 | 165.5 | 158.8 | 152.7 | 148.4 | 142.0 | 139.5 | 133.8 | 131.4 |
| 47.5°  | 178.7 | 167.5 | 157.7 | 149.4 | 142.9 | 139.0 | 132.7 | 127.6 | 123.6 | 120.0 | 117.0 |
| 50°    | 166.1 | 156.6 | 147.2 | 139.8 | 134.0 | 128.3 | 121.8 | 119.3 | 113.0 | 111.2 | 109.5 |
| 52.5°  | 154.5 | 145.5 | 137.0 | 129.7 | 123.8 | 118.3 | 112.6 | 109.3 | 105.0 | 103.3 | 102.0 |
| 55°    | 138.3 | 129.7 | 121.5 | 115.0 | 109.2 | 103.5 | 100.0 | 95.8  | 93.8  | 92.5  | 90.9  |
| 57.5°  | 122.0 | 114.3 | 108.0 | 101.4 | 95.5  | 91.0  | 87.0  | 84.5  | 82.5  | 80.7  | 78.8  |
| 60°    | 111.7 | 104.3 | 98.6  | 92.5  | 86.4  | 82.7  | 79.6  | 76.6  | 74.3  | 71.5  | 70.8  |
| 62.5°  | 100.7 | 94.2  | 89.0  | 83.1  | 77.8  | 74.5  | 71.5  | 68.7  | 65.9  | 61.9  | 60.8  |
| 65°    | 85.7  | 80.6  | 75.1  | 70.2  | 65.5  | 62.2  | 57.9  | 54.8  | 53.6  | 53.2  | 53.0  |
| 67.5°  | 72.1  | 67.2  | 62.5  | 57.5  | 53.3  | 50.2  | 48.0  | 47.5  | 46.7  | 46.5  | 45.9  |
| 70°    | 62.9  | 58.5  | 53.8  | 49.1  | 44.9  | 44.4  | 43.7  | 42.8  | 41.8  | 41.5  | 41.1  |
| 72.5°  | 54.8  | 50.2  | 45.5  | 41.8  | 40.0  | 39.3  | 38.5  | 37.6  | 37.0  | 36.6  | 36.4  |
| 75°    | 42.0  | 37.7  | 34.6  | 33.2  | 32.3  | 31.7  | 30.5  | 30.0  | 29.5  | 28.9  | 28.8  |
| 77.5°  | 30.3  | 27.8  | 26.4  | 25.6  | 24.5  | 23.9  | 23.2  | 22.6  | 22.2  | 22.1  | 21.8  |
| 80°    | 23.1  | 21.9  | 20.9  | 19.7  | 19.4  | 18.6  | 18.4  | 17.8  | 18.0  | 17.4  | 17.4  |
| 82.5°  | 17.9  | 16.4  | 15.6  | 15.1  | 14.6  | 14.0  | 13.9  | 13.6  | 13.6  | 13.2  | 13.2  |
| 85°    | 9.2   | 8.8   | 8.4   | 8.0   | 8.0   | 7.4   | 7.7   | 7.4   | 7.4   | 7.1   | 6.9   |
| 87.5°  | 5.3   | 5.5   | 5.6   | 5.9   | 6.4   | 6.5   | 6.8   | 6.9   | 7.1   | 7.3   | 7.3   |
| 90°    | 11.4  | 13.6  | 15.4  | 17.3  | 19.2  | 21.1  | 22.2  | 23.4  | 24.5  | 25.7  | 26.6  |
| 92.5°  | 20.3  | 20.7  | 21.6  | 22.6  | 23.5  | 24.5  | 25.1  | 25.7  | 26.3  | 26.9  | 27.3  |
| 95°    | 37.5  | 34.5  | 36.2  | 37.8  | 39.4  | 41.1  | 42.3  | 43.4  | 44.6  | 45.7  | 46.2  |
| 97.5°  | 48.8  | 39.8  | 43.6  | 47.4  | 51.2  | 55.0  | 55.9  | 56.8  | 57.8  | 58.7  | 59.3  |
| 100°   | 58.2  | 44.1  | 48.1  | 52.1  | 56.1  | 60.0  | 61.9  | 63.8  | 65.6  | 67.5  | 68.7  |
| 102.5° | 214.9 | 194.8 | 161.5 | 128.3 | 95.0  | 61.7  | 64.1  | 66.6  | 69.1  | 71.5  | 73.0  |
| 105°   | 348.3 | 319.9 | 256.0 | 192.0 | 128.1 | 64.2  | 66.8  | 69.4  | 72.0  | 74.6  | 76.3  |
| 107.5° | 432.0 | 396.5 | 319.9 | 243.2 | 166.6 | 90.0  | 87.3  | 84.7  | 82.1  | 79.5  | 78.6  |
| 110°   | 486.2 | 454.9 | 387.3 | 319.6 | 251.9 | 184.3 | 160.9 | 137.5 | 114.1 | 90.7  | 79.5  |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 538.0  | 531.8  | 515.1  | 498.3  | 481.6  | 464.9  | 379.5  | 294.1  | 208.8  | 123.4  | 81.0   |
| 115°   | 621.6  | 626.5  | 632.3  | 638.2  | 644.0  | 649.9  | 541.5  | 433.1  | 324.8  | 216.4  | 153.8  |
| 117.5° | 699.5  | 703.7  | 707.7  | 711.7  | 715.7  | 719.8  | 693.5  | 667.4  | 641.1  | 614.9  | 574.1  |
| 120°   | 751.3  | 755.2  | 759.4  | 763.6  | 767.8  | 772.0  | 774.8  | 777.7  | 780.4  | 783.3  | 768.9  |
| 122.5° | 799.3  | 803.4  | 808.0  | 812.5  | 817.2  | 821.7  | 823.4  | 825.1  | 826.8  | 828.5  | 826.2  |
| 125°   | 868.4  | 872.2  | 876.7  | 881.1  | 885.5  | 890.0  | 891.7  | 893.3  | 894.9  | 896.6  | 897.7  |
| 127.5° | 934.9  | 938.2  | 941.5  | 944.9  | 948.1  | 951.5  | 953.9  | 956.2  | 958.6  | 961.0  | 962.3  |
| 130°   | 977.7  | 980.8  | 983.3  | 985.9  | 988.5  | 991.1  | 993.7  | 996.3  | 998.8  | 1001.3 | 1002.5 |
| 132.5° | 1017.5 | 1020.4 | 1023.0 | 1025.5 | 1028.1 | 1030.7 | 1032.9 | 1035.1 | 1037.2 | 1039.5 | 1040.4 |
| 135°   | 1074.5 | 1077.5 | 1079.5 | 1081.7 | 1083.7 | 1085.9 | 1088.2 | 1090.5 | 1092.9 | 1095.3 | 1096.1 |
| 137.5° | 1125.4 | 1127.9 | 1130.3 | 1132.7 | 1135.1 | 1137.5 | 1139.8 | 1142.0 | 1144.4 | 1146.7 | 1147.4 |
| 140°   | 1158.6 | 1160.9 | 1163.5 | 1166.1 | 1168.6 | 1171.2 | 1173.3 | 1175.4 | 1177.5 | 1179.7 | 1180.1 |
| 142.5° | 1188.3 | 1190.6 | 1193.5 | 1196.4 | 1199.4 | 1202.4 | 1204.3 | 1206.2 | 1208.2 | 1210.0 | 1210.4 |
| 145°   | 1228.2 | 1230.0 | 1234.1 | 1238.0 | 1242.0 | 1246.0 | 1247.6 | 1249.2 | 1250.9 | 1252.5 | 1252.8 |
| 147.5° | 1267.0 | 1268.6 | 1272.5 | 1276.4 | 1280.4 | 1284.3 | 1285.6 | 1286.8 | 1288.0 | 1289.2 | 1289.3 |
| 150°   | 1291.0 | 1292.1 | 1295.8 | 1299.6 | 1303.3 | 1307.1 | 1308.5 | 1309.8 | 1311.3 | 1312.7 | 1312.8 |
| 152.5° | 1313.0 | 1313.9 | 1317.4 | 1321.0 | 1324.6 | 1328.1 | 1329.6 | 1330.9 | 1332.3 | 1333.8 | 1333.7 |
| 155°   | 1345.0 | 1345.3 | 1348.2 | 1350.9 | 1353.8 | 1356.6 | 1358.0 | 1359.3 | 1360.8 | 1362.2 | 1361.9 |
| 157.5° | 1372.2 | 1372.3 | 1374.2 | 1376.2 | 1378.2 | 1380.2 | 1381.7 | 1383.4 | 1384.9 | 1386.6 | 1386.4 |
| 160°   | 1388.9 | 1388.9 | 1390.3 | 1391.6 | 1393.1 | 1394.5 | 1395.9 | 1397.3 | 1398.7 | 1400.1 | 1400.0 |
| 162.5° | 1402.3 | 1402.2 | 1403.4 | 1404.6 | 1405.9 | 1407.1 | 1408.7 | 1410.3 | 1411.9 | 1413.5 | 1413.2 |
| 165°   | 1420.5 | 1420.1 | 1420.8 | 1421.5 | 1422.2 | 1422.9 | 1424.5 | 1426.2 | 1427.8 | 1429.4 | 1429.4 |
| 167.5° | 1433.9 | 1433.6 | 1434.3 | 1434.9 | 1435.5 | 1436.1 | 1437.8 | 1439.4 | 1441.1 | 1442.7 | 1442.5 |
| 170°   | 1441.5 | 1441.1 | 1441.5 | 1442.0 | 1442.4 | 1442.9 | 1444.6 | 1446.2 | 1447.9 | 1449.5 | 1449.2 |
| 172.5° | 1446.6 | 1446.1 | 1446.6 | 1447.0 | 1447.5 | 1447.9 | 1449.6 | 1451.2 | 1452.9 | 1454.5 | 1454.3 |
| 175°   | 1452.2 | 1451.6 | 1452.1 | 1452.5 | 1453.0 | 1453.5 | 1455.1 | 1456.7 | 1458.4 | 1460.0 | 1459.7 |
| 177.5° | 1454.5 | 1454.0 | 1454.1 | 1454.3 | 1454.5 | 1454.7 | 1456.0 | 1457.3 | 1458.6 | 1460.0 | 1459.7 |
| 180°   | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 |
| 2.5°   | 540.5 | 540.8 | 540.4 | 540.6 | 540.4 | 540.8 | 540.5 | 542.3 | 542.5 | 542.9 | 542.5 |
| 5°     | 503.6 | 501.3 | 500.8 | 500.3 | 500.8 | 501.3 | 503.6 | 504.5 | 505.4 | 507.0 | 509.7 |
| 7.5°   | 459.6 | 459.3 | 458.2 | 456.8 | 458.2 | 459.3 | 459.6 | 463.0 | 465.6 | 468.6 | 474.2 |
| 10°    | 431.3 | 430.2 | 430.1 | 428.7 | 430.1 | 430.2 | 431.3 | 435.6 | 438.7 | 443.0 | 450.6 |
| 12.5°  | 398.0 | 391.8 | 391.2 | 387.7 | 391.2 | 391.8 | 398.0 | 403.6 | 412.1 | 416.2 | 424.3 |
| 15°    | 339.0 | 337.8 | 333.8 | 331.3 | 333.8 | 337.8 | 339.0 | 343.6 | 346.7 | 358.1 | 371.2 |
| 17.5°  | 305.1 | 301.3 | 300.1 | 299.5 | 300.1 | 301.3 | 305.1 | 307.4 | 311.9 | 317.9 | 325.7 |
| 20°    | 283.4 | 279.9 | 279.3 | 278.9 | 279.3 | 279.9 | 283.4 | 286.1 | 289.6 | 296.1 | 304.3 |
| 22.5°  | 268.4 | 264.7 | 263.2 | 262.0 | 263.2 | 264.7 | 268.4 | 270.4 | 273.7 | 278.7 | 284.3 |
| 25°    | 242.7 | 241.3 | 240.6 | 240.1 | 240.6 | 241.3 | 242.7 | 244.7 | 247.8 | 254.7 | 260.5 |
| 27.5°  | 222.7 | 219.6 | 219.0 | 218.0 | 219.0 | 219.6 | 222.7 | 226.1 | 229.4 | 232.5 | 237.7 |
| 30°    | 211.2 | 210.3 | 208.9 | 207.7 | 208.9 | 210.3 | 211.2 | 213.0 | 215.2 | 220.4 | 225.5 |
| 32.5°  | 197.8 | 196.9 | 195.7 | 195.2 | 195.7 | 196.9 | 197.8 | 200.2 | 204.7 | 207.9 | 211.5 |
| 35°    | 182.9 | 180.1 | 178.9 | 177.2 | 178.9 | 180.1 | 182.9 | 184.9 | 186.6 | 189.3 | 196.0 |
| 37.5°  | 167.1 | 165.7 | 164.0 | 164.6 | 164.0 | 165.7 | 167.1 | 167.9 | 171.6 | 175.5 | 178.3 |
| 40°    | 154.9 | 153.9 | 153.5 | 153.3 | 153.5 | 153.9 | 154.9 | 157.5 | 162.0 | 163.7 | 168.0 |
| 42.5°  | 145.2 | 142.5 | 141.5 | 141.5 | 141.5 | 142.5 | 145.2 | 148.1 | 150.8 | 153.7 | 158.2 |
| 45°    | 130.4 | 127.9 | 126.1 | 126.3 | 126.1 | 127.9 | 130.4 | 131.4 | 133.8 | 139.5 | 142.0 |
| 47.5°  | 115.4 | 115.3 | 114.2 | 114.5 | 114.2 | 115.3 | 115.4 | 117.0 | 120.0 | 123.6 | 127.6 |
| 50°    | 108.1 | 107.0 | 106.2 | 106.4 | 106.2 | 107.0 | 108.1 | 109.5 | 111.2 | 113.0 | 119.3 |
| 52.5°  | 101.3 | 100.2 | 99.6  | 100.5 | 99.6  | 100.2 | 101.3 | 102.0 | 103.3 | 105.0 | 109.3 |
| 55°    | 90.0  | 88.8  | 88.6  | 88.4  | 88.6  | 88.8  | 90.0  | 90.9  | 92.5  | 93.8  | 95.8  |
| 57.5°  | 77.3  | 76.5  | 75.3  | 74.9  | 75.3  | 76.5  | 77.3  | 78.8  | 80.7  | 82.5  | 84.5  |
| 60°    | 68.3  | 66.7  | 64.7  | 64.6  | 64.7  | 66.7  | 68.3  | 70.8  | 71.5  | 74.3  | 76.6  |
| 62.5°  | 59.9  | 59.7  | 59.2  | 59.2  | 59.2  | 59.7  | 59.9  | 60.8  | 61.9  | 65.9  | 68.7  |
| 65°    | 52.6  | 52.4  | 52.6  | 52.8  | 52.6  | 52.4  | 52.6  | 53.0  | 53.2  | 53.6  | 54.8  |
| 67.5°  | 45.8  | 45.5  | 45.1  | 45.3  | 45.1  | 45.5  | 45.8  | 45.9  | 46.5  | 46.7  | 47.5  |
| 70°    | 40.6  | 40.5  | 40.3  | 40.3  | 40.3  | 40.5  | 40.6  | 41.1  | 41.5  | 41.8  | 42.8  |
| 72.5°  | 35.6  | 35.6  | 35.5  | 35.3  | 35.5  | 35.6  | 35.6  | 36.4  | 36.6  | 37.0  | 37.6  |
| 75°    | 28.6  | 28.2  | 28.2  | 28.2  | 28.2  | 28.2  | 28.6  | 28.8  | 28.9  | 29.5  | 30.0  |
| 77.5°  | 21.8  | 21.5  | 21.4  | 21.2  | 21.4  | 21.5  | 21.8  | 21.8  | 22.1  | 22.2  | 22.6  |
| 80°    | 17.2  | 17.0  | 16.8  | 16.8  | 16.8  | 17.0  | 17.2  | 17.4  | 17.4  | 18.0  | 17.8  |
| 82.5°  | 13.2  | 12.9  | 12.9  | 12.7  | 12.9  | 12.9  | 13.2  | 13.2  | 13.2  | 13.6  | 13.6  |
| 85°    | 7.1   | 7.2   | 7.1   | 7.4   | 7.1   | 7.2   | 7.1   | 6.9   | 7.1   | 7.4   | 7.4   |
| 87.5°  | 7.4   | 7.4   | 7.7   | 7.6   | 7.7   | 7.4   | 7.4   | 7.3   | 7.3   | 7.1   | 6.9   |
| 90°    | 27.0  | 27.5  | 28.0  | 28.4  | 28.0  | 27.5  | 27.0  | 26.6  | 25.7  | 24.5  | 23.4  |
| 92.5°  | 27.6  | 27.9  | 28.2  | 28.4  | 28.2  | 27.9  | 27.6  | 27.3  | 26.9  | 26.3  | 25.7  |
| 95°    | 46.0  | 45.7  | 45.5  | 45.3  | 45.5  | 45.7  | 46.0  | 46.2  | 45.7  | 44.6  | 43.4  |
| 97.5°  | 59.6  | 59.9  | 60.2  | 60.4  | 60.2  | 59.9  | 59.6  | 59.3  | 58.7  | 57.8  | 56.8  |
| 100°   | 69.1  | 69.7  | 70.1  | 70.6  | 70.1  | 69.7  | 69.1  | 68.7  | 67.5  | 65.6  | 63.8  |
| 102.5° | 73.6  | 74.3  | 75.0  | 75.6  | 75.0  | 74.3  | 73.6  | 73.0  | 71.5  | 69.1  | 66.6  |
| 105°   | 77.2  | 78.2  | 79.1  | 80.1  | 79.1  | 78.2  | 77.2  | 76.3  | 74.6  | 72.0  | 69.4  |
| 107.5° | 79.6  | 80.5  | 81.5  | 82.4  | 81.5  | 80.5  | 79.6  | 78.6  | 79.5  | 82.1  | 84.7  |
| 110°   | 80.4  | 81.4  | 82.3  | 83.2  | 82.3  | 81.4  | 80.4  | 79.5  | 90.7  | 114.1 | 137.5 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 81.8   | 82.6   | 83.3   | 84.0   | 83.3   | 82.6   | 81.8   | 81.0   | 123.4  | 208.8  | 294.1  |
| 115°   | 136.9  | 120.1  | 103.2  | 86.4   | 103.2  | 120.1  | 136.9  | 153.8  | 216.4  | 324.8  | 433.1  |
| 117.5° | 518.8  | 463.4  | 408.0  | 352.6  | 408.0  | 463.4  | 518.8  | 574.1  | 614.9  | 641.1  | 667.4  |
| 120°   | 737.3  | 705.7  | 674.1  | 642.5  | 674.1  | 705.7  | 737.3  | 768.9  | 783.3  | 780.4  | 777.7  |
| 122.5° | 820.1  | 814.0  | 807.9  | 801.7  | 807.9  | 814.0  | 820.1  | 826.2  | 828.5  | 826.8  | 825.1  |
| 125°   | 898.4  | 899.1  | 899.8  | 900.5  | 899.8  | 899.1  | 898.4  | 897.7  | 896.6  | 894.9  | 893.3  |
| 127.5° | 962.4  | 962.6  | 962.7  | 962.9  | 962.7  | 962.6  | 962.4  | 962.3  | 961.0  | 958.6  | 956.2  |
| 130°   | 1002.3 | 1002.1 | 1001.9 | 1001.6 | 1001.9 | 1002.1 | 1002.3 | 1002.5 | 1001.3 | 998.8  | 996.3  |
| 132.5° | 1040.3 | 1040.0 | 1039.7 | 1039.6 | 1039.7 | 1040.0 | 1040.3 | 1040.4 | 1039.5 | 1037.2 | 1035.1 |
| 135°   | 1095.7 | 1095.3 | 1094.8 | 1094.3 | 1094.8 | 1095.3 | 1095.7 | 1096.1 | 1095.3 | 1092.9 | 1090.5 |
| 137.5° | 1146.6 | 1145.8 | 1145.0 | 1144.2 | 1145.0 | 1145.8 | 1146.6 | 1147.4 | 1146.7 | 1144.4 | 1142.0 |
| 140°   | 1178.9 | 1177.8 | 1176.6 | 1175.4 | 1176.6 | 1177.8 | 1178.9 | 1180.1 | 1179.7 | 1177.5 | 1175.4 |
| 142.5° | 1209.3 | 1208.1 | 1206.9 | 1205.7 | 1206.9 | 1208.1 | 1209.3 | 1210.4 | 1210.0 | 1208.2 | 1206.2 |
| 145°   | 1251.5 | 1250.4 | 1249.2 | 1248.1 | 1249.2 | 1250.4 | 1251.5 | 1252.8 | 1252.5 | 1250.9 | 1249.2 |
| 147.5° | 1288.3 | 1287.3 | 1286.3 | 1285.4 | 1286.3 | 1287.3 | 1288.3 | 1289.3 | 1289.2 | 1288.0 | 1286.8 |
| 150°   | 1311.6 | 1310.4 | 1309.2 | 1308.1 | 1309.2 | 1310.4 | 1311.6 | 1312.8 | 1312.7 | 1311.3 | 1309.8 |
| 152.5° | 1332.1 | 1330.6 | 1329.0 | 1327.5 | 1329.0 | 1330.6 | 1332.1 | 1333.7 | 1333.8 | 1332.3 | 1330.9 |
| 155°   | 1360.0 | 1358.2 | 1356.3 | 1354.4 | 1356.3 | 1358.2 | 1360.0 | 1361.9 | 1362.2 | 1360.8 | 1359.3 |
| 157.5° | 1384.6 | 1382.8 | 1381.0 | 1379.1 | 1381.0 | 1382.8 | 1384.6 | 1386.4 | 1386.6 | 1384.9 | 1383.4 |
| 160°   | 1398.4 | 1396.7 | 1395.1 | 1393.4 | 1395.1 | 1396.7 | 1398.4 | 1400.0 | 1400.1 | 1398.7 | 1397.3 |
| 162.5° | 1411.3 | 1409.2 | 1407.2 | 1405.2 | 1407.2 | 1409.2 | 1411.3 | 1413.2 | 1413.5 | 1411.9 | 1410.3 |
| 165°   | 1427.8 | 1426.2 | 1424.5 | 1422.9 | 1424.5 | 1426.2 | 1427.8 | 1429.4 | 1429.4 | 1427.8 | 1426.2 |
| 167.5° | 1440.4 | 1438.3 | 1436.1 | 1434.1 | 1436.1 | 1438.3 | 1440.4 | 1442.5 | 1442.7 | 1441.1 | 1439.4 |
| 170°   | 1447.2 | 1445.0 | 1442.9 | 1440.8 | 1442.9 | 1445.0 | 1447.2 | 1449.2 | 1449.5 | 1447.9 | 1446.2 |
| 172.5° | 1452.2 | 1450.1 | 1447.9 | 1445.9 | 1447.9 | 1450.1 | 1452.2 | 1454.3 | 1454.5 | 1452.9 | 1451.2 |
| 175°   | 1457.3 | 1455.0 | 1452.6 | 1450.3 | 1452.6 | 1455.0 | 1457.3 | 1459.7 | 1460.0 | 1458.4 | 1456.7 |
| 177.5° | 1458.1 | 1456.4 | 1454.7 | 1453.0 | 1454.7 | 1456.4 | 1458.1 | 1459.7 | 1460.0 | 1458.6 | 1457.3 |
| 180°   | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 |
| 2.5°   | 541.3 | 543.5 | 546.7 | 548.6 | 551.7 | 553.8 | 554.9 | 556.9 | 558.0 | 562.0 | 566.0 |
| 5°     | 511.0 | 514.2 | 519.6 | 524.7 | 530.2 | 535.9 | 540.0 | 544.7 | 549.0 | 556.4 | 564.2 |
| 7.5°   | 476.4 | 480.7 | 489.2 | 497.3 | 506.9 | 514.9 | 521.9 | 529.9 | 537.1 | 547.8 | 558.9 |
| 10°    | 450.4 | 458.1 | 469.2 | 476.8 | 489.3 | 497.3 | 508.5 | 517.3 | 527.3 | 541.4 | 553.9 |
| 12.5°  | 428.0 | 437.2 | 446.2 | 456.8 | 468.0 | 481.4 | 493.6 | 505.0 | 516.8 | 531.3 | 546.0 |
| 15°    | 387.4 | 400.7 | 414.7 | 425.4 | 440.7 | 454.7 | 469.0 | 484.2 | 498.7 | 516.2 | 535.3 |
| 17.5°  | 335.2 | 350.6 | 373.9 | 392.4 | 410.3 | 424.4 | 442.1 | 460.5 | 477.6 | 498.6 | 520.0 |
| 20°    | 311.6 | 322.9 | 338.7 | 363.6 | 390.5 | 405.6 | 423.6 | 443.9 | 463.5 | 486.4 | 509.3 |
| 22.5°  | 292.7 | 302.7 | 315.4 | 334.8 | 364.9 | 385.5 | 404.2 | 424.9 | 447.5 | 470.9 | 496.3 |
| 25°    | 265.6 | 272.6 | 285.9 | 301.6 | 322.3 | 356.1 | 376.7 | 397.4 | 422.1 | 447.1 | 476.0 |
| 27.5°  | 245.3 | 251.7 | 260.3 | 275.2 | 290.6 | 315.0 | 347.6 | 370.2 | 394.8 | 422.9 | 453.0 |
| 30°    | 229.8 | 237.2 | 246.8 | 257.4 | 274.2 | 293.2 | 325.8 | 352.1 | 376.3 | 405.3 | 437.3 |
| 32.5°  | 218.5 | 224.4 | 232.6 | 243.3 | 257.3 | 275.5 | 301.6 | 333.4 | 357.1 | 387.5 | 421.0 |
| 35°    | 200.1 | 206.9 | 213.5 | 223.8 | 235.1 | 251.7 | 271.5 | 305.5 | 329.0 | 359.0 | 392.7 |
| 37.5°  | 184.9 | 189.1 | 196.4 | 204.5 | 216.5 | 228.9 | 246.0 | 276.5 | 301.9 | 331.4 | 365.8 |
| 40°    | 173.3 | 178.6 | 184.0 | 193.0 | 202.9 | 214.7 | 231.5 | 254.3 | 283.4 | 312.4 | 345.9 |
| 42.5°  | 162.0 | 168.7 | 174.5 | 180.6 | 191.2 | 203.2 | 216.9 | 236.1 | 265.9 | 293.3 | 326.0 |
| 45°    | 148.4 | 152.7 | 158.8 | 165.5 | 174.3 | 184.4 | 196.6 | 213.4 | 241.9 | 265.6 | 296.3 |
| 47.5°  | 132.7 | 139.0 | 142.9 | 149.4 | 157.7 | 167.5 | 178.7 | 193.3 | 216.4 | 238.6 | 267.1 |
| 50°    | 121.8 | 128.3 | 134.0 | 139.8 | 147.2 | 156.6 | 166.1 | 180.1 | 198.7 | 222.0 | 248.6 |
| 52.5°  | 112.6 | 118.3 | 123.8 | 129.7 | 137.0 | 145.5 | 154.5 | 166.9 | 182.7 | 204.1 | 230.0 |
| 55°    | 100.0 | 103.5 | 109.2 | 115.0 | 121.5 | 129.7 | 138.3 | 148.6 | 162.3 | 180.3 | 201.2 |
| 57.5°  | 87.0  | 91.0  | 95.5  | 101.4 | 108.0 | 114.3 | 122.0 | 131.4 | 142.2 | 158.4 | 176.3 |
| 60°    | 79.6  | 82.7  | 86.4  | 92.5  | 98.6  | 104.3 | 111.7 | 119.5 | 129.7 | 143.8 | 159.0 |
| 62.5°  | 71.5  | 74.5  | 77.8  | 83.1  | 89.0  | 94.2  | 100.7 | 109.0 | 117.6 | 130.4 | 143.8 |
| 65°    | 57.9  | 62.2  | 65.5  | 70.2  | 75.1  | 80.6  | 85.7  | 92.3  | 100.0 | 110.1 | 122.0 |
| 67.5°  | 48.0  | 50.2  | 53.3  | 57.5  | 62.5  | 67.2  | 72.1  | 77.2  | 83.9  | 91.7  | 101.2 |
| 70°    | 43.7  | 44.4  | 44.9  | 49.1  | 53.8  | 58.5  | 62.9  | 67.8  | 73.5  | 80.0  | 88.2  |
| 72.5°  | 38.5  | 39.3  | 40.0  | 41.8  | 45.5  | 50.2  | 54.8  | 58.5  | 63.8  | 69.2  | 75.9  |
| 75°    | 30.5  | 31.7  | 32.3  | 33.2  | 34.6  | 37.7  | 42.0  | 45.5  | 48.7  | 52.8  | 58.1  |
| 77.5°  | 23.2  | 23.9  | 24.5  | 25.6  | 26.4  | 27.8  | 30.3  | 33.4  | 36.4  | 38.7  | 42.4  |
| 80°    | 18.4  | 18.6  | 19.4  | 19.7  | 20.9  | 21.9  | 23.1  | 25.7  | 28.6  | 29.5  | 32.1  |
| 82.5°  | 13.9  | 14.0  | 14.6  | 15.1  | 15.6  | 16.4  | 17.9  | 18.6  | 20.9  | 22.2  | 23.8  |
| 85°    | 7.7   | 7.4   | 8.0   | 8.0   | 8.4   | 8.8   | 9.2   | 10.2  | 10.8  | 12.3  | 12.7  |
| 87.5°  | 6.8   | 6.5   | 6.4   | 5.9   | 5.6   | 5.5   | 5.3   | 4.9   | 4.6   | 4.6   | 4.7   |
| 90°    | 22.2  | 21.1  | 19.2  | 17.3  | 15.4  | 13.6  | 11.4  | 8.8   | 6.2   | 3.6   | 1.0   |
| 92.5°  | 25.1  | 24.5  | 23.5  | 22.6  | 21.6  | 20.7  | 20.3  | 20.6  | 20.8  | 21.0  | 21.3  |
| 95°    | 42.3  | 41.1  | 39.4  | 37.8  | 36.2  | 34.5  | 37.5  | 45.3  | 53.0  | 60.7  | 68.4  |
| 97.5°  | 55.9  | 55.0  | 51.2  | 47.4  | 43.6  | 39.8  | 48.8  | 70.6  | 92.3  | 114.1 | 135.9 |
| 100°   | 61.9  | 60.0  | 56.1  | 52.1  | 48.1  | 44.1  | 58.2  | 90.2  | 122.3 | 154.4 | 186.4 |
| 102.5° | 64.1  | 61.7  | 95.0  | 128.3 | 161.5 | 194.8 | 214.9 | 221.7 | 228.4 | 235.2 | 242.0 |
| 105°   | 66.8  | 64.2  | 128.1 | 192.0 | 256.0 | 319.9 | 348.3 | 341.2 | 334.2 | 327.2 | 320.2 |
| 107.5° | 87.3  | 90.0  | 166.6 | 243.2 | 319.9 | 396.5 | 432.0 | 426.3 | 420.6 | 414.9 | 409.3 |
| 110°   | 160.9 | 184.3 | 251.9 | 319.6 | 387.3 | 454.9 | 486.2 | 481.3 | 476.4 | 471.5 | 466.6 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.5  | 464.9  | 481.6  | 498.3  | 515.1  | 531.8  | 538.0  | 533.6  | 529.2  | 524.9  | 520.5  |
| 115°   | 541.5  | 649.9  | 644.0  | 638.2  | 632.3  | 626.5  | 621.6  | 617.5  | 613.5  | 609.6  | 605.6  |
| 117.5° | 693.5  | 719.8  | 715.7  | 711.7  | 707.7  | 703.7  | 699.5  | 695.0  | 690.5  | 686.1  | 681.7  |
| 120°   | 774.8  | 772.0  | 767.8  | 763.6  | 759.4  | 755.2  | 751.3  | 747.8  | 744.2  | 740.8  | 737.3  |
| 122.5° | 823.4  | 821.7  | 817.2  | 812.5  | 808.0  | 803.4  | 799.3  | 795.6  | 791.9  | 788.2  | 784.5  |
| 125°   | 891.7  | 890.0  | 885.5  | 881.1  | 876.7  | 872.2  | 868.4  | 865.4  | 862.4  | 859.3  | 856.3  |
| 127.5° | 953.9  | 951.5  | 948.1  | 944.9  | 941.5  | 938.2  | 934.9  | 931.5  | 928.1  | 924.7  | 921.4  |
| 130°   | 993.7  | 991.1  | 988.5  | 985.9  | 983.3  | 980.8  | 977.7  | 973.9  | 970.2  | 966.4  | 962.7  |
| 132.5° | 1032.9 | 1030.7 | 1028.1 | 1025.5 | 1023.0 | 1020.4 | 1017.5 | 1014.3 | 1011.2 | 1008.0 | 1004.8 |
| 135°   | 1088.2 | 1085.9 | 1083.7 | 1081.7 | 1079.5 | 1077.5 | 1074.5 | 1070.7 | 1067.0 | 1063.2 | 1059.5 |
| 137.5° | 1139.8 | 1137.5 | 1135.1 | 1132.7 | 1130.3 | 1127.9 | 1125.4 | 1122.8 | 1120.2 | 1117.6 | 1114.9 |
| 140°   | 1173.3 | 1171.2 | 1168.6 | 1166.1 | 1163.5 | 1160.9 | 1158.6 | 1156.8 | 1154.9 | 1153.1 | 1151.2 |
| 142.5° | 1204.3 | 1202.4 | 1199.4 | 1196.4 | 1193.5 | 1190.6 | 1188.3 | 1186.5 | 1184.9 | 1183.2 | 1181.6 |
| 145°   | 1247.6 | 1246.0 | 1242.0 | 1238.0 | 1234.1 | 1230.0 | 1228.2 | 1228.4 | 1228.6 | 1228.9 | 1229.1 |
| 147.5° | 1285.6 | 1284.3 | 1280.4 | 1276.4 | 1272.5 | 1268.6 | 1267.0 | 1267.9 | 1268.9 | 1269.7 | 1270.6 |
| 150°   | 1308.5 | 1307.1 | 1303.3 | 1299.6 | 1295.8 | 1292.1 | 1291.0 | 1292.6 | 1294.3 | 1296.0 | 1297.6 |
| 152.5° | 1329.6 | 1328.1 | 1324.6 | 1321.0 | 1317.4 | 1313.9 | 1313.0 | 1314.8 | 1316.6 | 1318.5 | 1320.3 |
| 155°   | 1358.0 | 1356.6 | 1353.8 | 1350.9 | 1348.2 | 1345.3 | 1345.0 | 1347.0 | 1349.2 | 1351.3 | 1353.4 |
| 157.5° | 1381.7 | 1380.2 | 1378.2 | 1376.2 | 1374.2 | 1372.3 | 1372.2 | 1374.0 | 1375.7 | 1377.5 | 1379.3 |
| 160°   | 1395.9 | 1394.5 | 1393.1 | 1391.6 | 1390.3 | 1388.9 | 1388.9 | 1390.3 | 1391.6 | 1393.1 | 1394.5 |
| 162.5° | 1408.7 | 1407.1 | 1405.9 | 1404.6 | 1403.4 | 1402.2 | 1402.3 | 1403.8 | 1405.2 | 1406.5 | 1408.0 |
| 165°   | 1424.5 | 1422.9 | 1422.2 | 1421.5 | 1420.8 | 1420.1 | 1420.5 | 1421.9 | 1423.2 | 1424.7 | 1426.1 |
| 167.5° | 1437.8 | 1436.1 | 1435.5 | 1434.9 | 1434.3 | 1433.6 | 1433.9 | 1435.4 | 1436.8 | 1438.1 | 1439.6 |
| 170°   | 1444.6 | 1442.9 | 1442.4 | 1442.0 | 1441.5 | 1441.1 | 1441.5 | 1442.9 | 1444.3 | 1445.7 | 1447.2 |
| 172.5° | 1449.6 | 1447.9 | 1447.5 | 1447.0 | 1446.6 | 1446.1 | 1446.6 | 1447.9 | 1449.4 | 1450.8 | 1452.2 |
| 175°   | 1455.1 | 1453.5 | 1453.0 | 1452.5 | 1452.1 | 1451.6 | 1452.2 | 1453.8 | 1455.4 | 1457.1 | 1458.7 |
| 177.5° | 1456.0 | 1454.7 | 1454.5 | 1454.3 | 1454.1 | 1454.0 | 1454.5 | 1455.9 | 1457.2 | 1458.4 | 1459.7 |
| 180°   | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 |
| 2.5°   | 566.2 | 566.6 | 569.7 | 571.2 | 573.9 | 575.1 | 576.4 | 576.0 | 576.0 | 576.6 | 581.0 |
| 5°     | 567.4 | 571.3 | 577.1 | 582.8 | 588.3 | 593.0 | 596.2 | 599.3 | 600.5 | 606.1 | 611.1 |
| 7.5°   | 565.3 | 572.6 | 582.2 | 590.9 | 601.2 | 609.3 | 616.0 | 622.2 | 626.3 | 634.6 | 643.0 |
| 10°    | 562.7 | 572.8 | 583.8 | 595.0 | 609.2 | 620.0 | 630.9 | 639.4 | 642.0 | 654.4 | 661.4 |
| 12.5°  | 557.3 | 570.9 | 584.9 | 599.3 | 613.3 | 628.1 | 640.2 | 648.6 | 658.2 | 669.3 | 682.3 |
| 15°    | 549.4 | 565.0 | 583.2 | 601.8 | 621.7 | 639.7 | 652.6 | 667.3 | 677.9 | 690.0 | 701.4 |
| 17.5°  | 538.0 | 558.1 | 581.2 | 602.7 | 625.8 | 645.1 | 662.9 | 676.9 | 684.3 | 691.3 | 692.9 |
| 20°    | 528.8 | 550.5 | 577.7 | 603.1 | 626.2 | 648.5 | 666.2 | 677.9 | 679.8 | 680.0 | 669.7 |
| 22.5°  | 519.0 | 543.5 | 572.0 | 598.0 | 625.6 | 650.4 | 664.1 | 669.1 | 661.3 | 648.1 | 628.0 |
| 25°    | 500.8 | 529.3 | 562.3 | 592.0 | 622.2 | 645.6 | 650.3 | 641.5 | 614.3 | 585.7 | 549.6 |
| 27.5°  | 481.2 | 513.2 | 548.5 | 581.6 | 613.7 | 628.3 | 618.1 | 586.3 | 537.4 | 494.8 | 443.2 |
| 30°    | 466.8 | 502.7 | 537.4 | 574.4 | 604.2 | 610.4 | 587.1 | 540.4 | 483.3 | 419.1 | 367.6 |
| 32.5°  | 450.4 | 487.9 | 526.2 | 564.4 | 589.3 | 583.2 | 544.8 | 487.2 | 420.3 | 357.1 | 308.6 |
| 35°    | 427.0 | 465.6 | 507.0 | 545.3 | 561.1 | 534.7 | 477.2 | 402.3 | 333.8 | 275.0 | 241.5 |
| 37.5°  | 399.8 | 442.0 | 484.9 | 520.1 | 519.0 | 475.0 | 396.7 | 319.3 | 261.8 | 227.0 | 203.2 |
| 40°    | 380.6 | 423.3 | 469.6 | 499.3 | 486.6 | 429.3 | 344.4 | 271.5 | 229.4 | 201.6 | 184.3 |
| 42.5°  | 362.1 | 404.9 | 451.0 | 474.6 | 452.5 | 382.0 | 297.5 | 240.3 | 205.6 | 184.0 | 169.9 |
| 45°    | 330.7 | 375.9 | 418.5 | 431.6 | 392.1 | 314.5 | 240.6 | 199.1 | 176.0 | 160.0 | 150.2 |
| 47.5°  | 300.0 | 344.5 | 383.4 | 383.6 | 330.2 | 255.0 | 202.9 | 172.3 | 152.6 | 140.2 | 133.1 |
| 50°    | 281.2 | 323.5 | 356.1 | 351.0 | 290.4 | 226.9 | 181.5 | 155.1 | 138.7 | 129.1 | 121.7 |
| 52.5°  | 260.1 | 301.1 | 329.4 | 315.0 | 256.8 | 199.7 | 162.2 | 140.1 | 126.5 | 118.1 | 111.5 |
| 55°    | 229.4 | 265.8 | 285.8 | 263.8 | 209.5 | 166.1 | 137.1 | 119.7 | 109.5 | 102.5 | 96.8  |
| 57.5°  | 199.2 | 229.3 | 241.8 | 216.3 | 172.5 | 137.7 | 116.0 | 102.9 | 92.8  | 87.7  | 84.8  |
| 60°    | 180.3 | 206.0 | 214.7 | 186.6 | 150.0 | 120.5 | 102.7 | 90.6  | 83.1  | 79.8  | 76.9  |
| 62.5°  | 161.7 | 182.6 | 186.2 | 160.5 | 130.8 | 105.5 | 90.1  | 79.9  | 75.0  | 71.8  | 69.1  |
| 65°    | 134.1 | 149.2 | 147.5 | 126.7 | 103.5 | 83.7  | 72.6  | 66.3  | 62.6  | 58.1  | 53.2  |
| 67.5°  | 110.5 | 119.7 | 114.1 | 98.6  | 79.0  | 65.1  | 57.8  | 53.0  | 48.4  | 44.2  | 43.0  |
| 70°    | 95.4  | 100.7 | 94.9  | 80.6  | 64.7  | 54.6  | 48.7  | 43.0  | 40.3  | 39.3  | 37.5  |
| 72.5°  | 81.0  | 82.9  | 76.5  | 64.3  | 52.7  | 45.2  | 39.4  | 36.3  | 34.8  | 34.0  | 32.9  |
| 75°    | 60.8  | 59.5  | 54.0  | 44.4  | 36.6  | 31.5  | 29.7  | 28.6  | 27.6  | 26.8  | 26.2  |
| 77.5°  | 42.7  | 40.7  | 35.8  | 29.5  | 25.5  | 23.1  | 22.0  | 21.4  | 20.9  | 20.5  | 19.9  |
| 80°    | 32.1  | 30.7  | 25.8  | 21.1  | 19.4  | 18.2  | 17.6  | 16.8  | 16.8  | 16.4  | 15.8  |
| 82.5°  | 23.5  | 22.0  | 17.7  | 15.5  | 14.6  | 13.8  | 13.3  | 12.9  | 12.7  | 12.8  | 12.4  |
| 85°    | 12.3  | 10.0  | 8.8   | 8.4   | 7.8   | 7.4   | 7.7   | 7.2   | 7.2   | 7.2   | 7.1   |
| 87.5°  | 4.5   | 4.2   | 4.6   | 4.9   | 5.5   | 5.9   | 6.1   | 6.5   | 7.1   | 7.1   | 7.5   |
| 90°    | 3.6   | 6.2   | 8.8   | 11.4  | 13.6  | 15.4  | 17.3  | 19.2  | 21.1  | 22.2  | 23.4  |
| 92.5°  | 21.0  | 20.8  | 20.6  | 20.3  | 20.7  | 21.6  | 22.6  | 23.5  | 24.5  | 25.1  | 25.7  |
| 95°    | 60.7  | 53.0  | 45.3  | 37.5  | 34.5  | 36.2  | 37.8  | 39.4  | 41.1  | 42.3  | 43.4  |
| 97.5°  | 114.1 | 92.3  | 70.6  | 48.8  | 39.8  | 43.6  | 47.4  | 51.2  | 55.0  | 55.9  | 56.8  |
| 100°   | 154.4 | 122.3 | 90.2  | 58.2  | 44.1  | 48.1  | 52.1  | 56.1  | 60.0  | 61.9  | 63.8  |
| 102.5° | 235.2 | 228.4 | 221.7 | 214.9 | 194.8 | 161.5 | 128.3 | 95.0  | 61.7  | 64.1  | 66.6  |
| 105°   | 327.2 | 334.2 | 341.2 | 348.3 | 319.9 | 256.0 | 192.0 | 128.1 | 64.2  | 66.8  | 69.4  |
| 107.5° | 414.9 | 420.6 | 426.3 | 432.0 | 396.5 | 319.9 | 243.2 | 166.6 | 90.0  | 87.3  | 84.7  |
| 110°   | 471.5 | 476.4 | 481.3 | 486.2 | 454.9 | 387.3 | 319.6 | 251.9 | 184.3 | 160.9 | 137.5 |





TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 524.9  | 529.2  | 533.6  | 538.0  | 531.8  | 515.1  | 498.3  | 481.6  | 464.9  | 379.5  | 294.1  |
| 115°   | 609.6  | 613.5  | 617.5  | 621.6  | 626.5  | 632.3  | 638.2  | 644.0  | 649.9  | 541.5  | 433.1  |
| 117.5° | 686.1  | 690.5  | 695.0  | 699.5  | 703.7  | 707.7  | 711.7  | 715.7  | 719.8  | 693.5  | 667.4  |
| 120°   | 740.8  | 744.2  | 747.8  | 751.3  | 755.2  | 759.4  | 763.6  | 767.8  | 772.0  | 774.8  | 777.7  |
| 122.5° | 788.2  | 791.9  | 795.6  | 799.3  | 803.4  | 808.0  | 812.5  | 817.2  | 821.7  | 823.4  | 825.1  |
| 125°   | 859.3  | 862.4  | 865.4  | 868.4  | 872.2  | 876.7  | 881.1  | 885.5  | 890.0  | 891.7  | 893.3  |
| 127.5° | 924.7  | 928.1  | 931.5  | 934.9  | 938.2  | 941.5  | 944.9  | 948.1  | 951.5  | 953.9  | 956.2  |
| 130°   | 966.4  | 970.2  | 973.9  | 977.7  | 980.8  | 983.3  | 985.9  | 988.5  | 991.1  | 993.7  | 996.3  |
| 132.5° | 1008.0 | 1011.2 | 1014.3 | 1017.5 | 1020.4 | 1023.0 | 1025.5 | 1028.1 | 1030.7 | 1032.9 | 1035.1 |
| 135°   | 1063.2 | 1067.0 | 1070.7 | 1074.5 | 1077.5 | 1079.5 | 1081.7 | 1083.7 | 1085.9 | 1088.2 | 1090.5 |
| 137.5° | 1117.6 | 1120.2 | 1122.8 | 1125.4 | 1127.9 | 1130.3 | 1132.7 | 1135.1 | 1137.5 | 1139.8 | 1142.0 |
| 140°   | 1153.1 | 1154.9 | 1156.8 | 1158.6 | 1160.9 | 1163.5 | 1166.1 | 1168.6 | 1171.2 | 1173.3 | 1175.4 |
| 142.5° | 1183.2 | 1184.9 | 1186.5 | 1188.3 | 1190.6 | 1193.5 | 1196.4 | 1199.4 | 1202.4 | 1204.3 | 1206.2 |
| 145°   | 1228.9 | 1228.6 | 1228.4 | 1228.2 | 1230.0 | 1234.1 | 1238.0 | 1242.0 | 1246.0 | 1247.6 | 1249.2 |
| 147.5° | 1269.7 | 1268.9 | 1267.9 | 1267.0 | 1268.6 | 1272.5 | 1276.4 | 1280.4 | 1284.3 | 1285.6 | 1286.8 |
| 150°   | 1296.0 | 1294.3 | 1292.6 | 1291.0 | 1292.1 | 1295.8 | 1299.6 | 1303.3 | 1307.1 | 1308.5 | 1309.8 |
| 152.5° | 1318.5 | 1316.6 | 1314.8 | 1313.0 | 1313.9 | 1317.4 | 1321.0 | 1324.6 | 1328.1 | 1329.6 | 1330.9 |
| 155°   | 1351.3 | 1349.2 | 1347.0 | 1345.0 | 1345.3 | 1348.2 | 1350.9 | 1353.8 | 1356.6 | 1358.0 | 1359.3 |
| 157.5° | 1377.5 | 1375.7 | 1374.0 | 1372.2 | 1372.3 | 1374.2 | 1376.2 | 1378.2 | 1380.2 | 1381.7 | 1383.4 |
| 160°   | 1393.1 | 1391.6 | 1390.3 | 1388.9 | 1388.9 | 1390.3 | 1391.6 | 1393.1 | 1394.5 | 1395.9 | 1397.3 |
| 162.5° | 1406.5 | 1405.2 | 1403.8 | 1402.3 | 1402.2 | 1403.4 | 1404.6 | 1405.9 | 1407.1 | 1408.7 | 1410.3 |
| 165°   | 1424.7 | 1423.2 | 1421.9 | 1420.5 | 1420.1 | 1420.8 | 1421.5 | 1422.2 | 1422.9 | 1424.5 | 1426.2 |
| 167.5° | 1438.1 | 1436.8 | 1435.4 | 1433.9 | 1433.6 | 1434.3 | 1434.9 | 1435.5 | 1436.1 | 1437.8 | 1439.4 |
| 170°   | 1445.7 | 1444.3 | 1442.9 | 1441.5 | 1441.1 | 1441.5 | 1442.0 | 1442.4 | 1442.9 | 1444.6 | 1446.2 |
| 172.5° | 1450.8 | 1449.4 | 1447.9 | 1446.6 | 1446.1 | 1446.6 | 1447.0 | 1447.5 | 1447.9 | 1449.6 | 1451.2 |
| 175°   | 1457.1 | 1455.4 | 1453.8 | 1452.2 | 1451.6 | 1452.1 | 1452.5 | 1453.0 | 1453.5 | 1455.1 | 1456.7 |
| 177.5° | 1458.4 | 1457.2 | 1455.9 | 1454.5 | 1454.0 | 1454.1 | 1454.3 | 1454.5 | 1454.7 | 1456.0 | 1457.3 |
| 180°   | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 | 562.8 |
| 2.5°   | 582.6 | 584.6 | 585.6 | 585.6 | 586.7 | 586.2 | 585.7 |
| 5°     | 616.0 | 619.7 | 620.6 | 624.1 | 626.6 | 625.9 | 626.2 |
| 7.5°   | 649.4 | 655.3 | 661.2 | 663.9 | 664.3 | 665.9 | 666.5 |
| 10°    | 669.9 | 674.8 | 683.9 | 682.6 | 689.4 | 693.4 | 686.9 |
| 12.5°  | 689.6 | 696.2 | 702.6 | 704.3 | 708.2 | 709.5 | 706.9 |
| 15°    | 707.4 | 710.9 | 711.3 | 710.3 | 711.5 | 710.5 | 706.8 |
| 17.5°  | 690.8 | 685.0 | 673.5 | 668.0 | 663.7 | 657.2 | 654.6 |
| 20°    | 663.2 | 646.4 | 626.8 | 619.0 | 609.8 | 591.9 | 596.2 |
| 22.5°  | 603.7 | 584.6 | 565.0 | 542.2 | 531.2 | 514.2 | 513.2 |
| 25°    | 511.3 | 478.2 | 441.8 | 416.4 | 401.5 | 384.5 | 377.0 |
| 27.5°  | 397.5 | 355.9 | 326.1 | 311.0 | 297.2 | 283.8 | 283.2 |
| 30°    | 322.7 | 291.4 | 268.4 | 255.5 | 247.0 | 241.3 | 242.5 |
| 32.5°  | 272.0 | 250.6 | 235.0 | 224.3 | 218.1 | 213.8 | 213.7 |
| 35°    | 222.4 | 207.7 | 197.7 | 193.2 | 188.7 | 185.6 | 185.8 |
| 37.5°  | 190.3 | 181.5 | 175.9 | 171.0 | 168.2 | 166.6 | 165.7 |
| 40°    | 173.8 | 166.6 | 162.3 | 159.4 | 157.0 | 154.9 | 154.5 |
| 42.5°  | 160.9 | 154.9 | 150.6 | 148.3 | 146.1 | 144.6 | 144.2 |
| 45°    | 142.8 | 137.8 | 134.0 | 131.4 | 130.4 | 129.1 | 129.1 |
| 47.5°  | 127.0 | 122.2 | 119.2 | 117.5 | 115.9 | 114.9 | 114.9 |
| 50°    | 116.4 | 112.6 | 109.9 | 108.9 | 107.5 | 107.0 | 106.8 |
| 52.5°  | 106.9 | 104.0 | 102.1 | 101.4 | 100.8 | 100.1 | 100.2 |
| 55°    | 93.8  | 92.3  | 91.5  | 90.9  | 90.0  | 88.8  | 89.5  |
| 57.5°  | 83.0  | 81.6  | 79.6  | 77.7  | 76.8  | 75.9  | 76.3  |
| 60°    | 75.3  | 72.6  | 69.8  | 67.7  | 67.1  | 65.3  | 65.3  |
| 62.5°  | 65.6  | 61.7  | 58.4  | 57.2  | 56.6  | 55.8  | 55.6  |
| 65°    | 50.5  | 48.9  | 48.1  | 47.4  | 46.9  | 46.9  | 46.6  |
| 67.5°  | 41.8  | 41.2  | 40.3  | 40.1  | 39.8  | 39.6  | 39.5  |
| 70°    | 36.9  | 36.2  | 35.8  | 35.6  | 35.2  | 35.4  | 34.8  |
| 72.5°  | 32.3  | 31.7  | 31.6  | 31.1  | 30.8  | 30.8  | 30.4  |
| 75°    | 25.4  | 25.4  | 25.2  | 25.1  | 24.6  | 24.5  | 24.6  |
| 77.5°  | 19.5  | 19.6  | 19.3  | 19.2  | 19.2  | 19.2  | 19.0  |
| 80°    | 15.7  | 15.8  | 15.7  | 15.4  | 15.2  | 15.4  | 15.2  |
| 82.5°  | 12.4  | 12.1  | 12.1  | 12.0  | 12.0  | 11.9  | 11.8  |
| 85°    | 7.1   | 7.2   | 7.1   | 6.9   | 6.9   | 6.9   | 7.1   |
| 87.5°  | 7.6   | 7.8   | 8.0   | 8.1   | 8.2   | 8.3   | 8.2   |
| 90°    | 24.5  | 25.7  | 26.6  | 27.0  | 27.5  | 28.0  | 28.4  |
| 92.5°  | 26.3  | 26.9  | 27.3  | 27.6  | 27.9  | 28.2  | 28.4  |
| 95°    | 44.6  | 45.7  | 46.2  | 46.0  | 45.7  | 45.5  | 45.3  |
| 97.5°  | 57.8  | 58.7  | 59.3  | 59.6  | 59.9  | 60.2  | 60.4  |
| 100°   | 65.6  | 67.5  | 68.7  | 69.1  | 69.7  | 70.1  | 70.6  |
| 102.5° | 69.1  | 71.5  | 73.0  | 73.6  | 74.3  | 75.0  | 75.6  |
| 105°   | 72.0  | 74.6  | 76.3  | 77.2  | 78.2  | 79.1  | 80.1  |
| 107.5° | 82.1  | 79.5  | 78.6  | 79.6  | 80.5  | 81.5  | 82.4  |
| 110°   | 114.1 | 90.7  | 79.5  | 80.4  | 81.4  | 82.3  | 83.2  |



TEST NUMBER: P331777-935

CATALOG NUMBER: S122RDIW-S290D1240U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 208.8  | 123.4  | 81.0   | 81.8   | 82.6   | 83.3   | 84.0   |
| 115°   | 324.8  | 216.4  | 153.8  | 136.9  | 120.1  | 103.2  | 86.4   |
| 117.5° | 641.1  | 614.9  | 574.1  | 518.8  | 463.4  | 408.0  | 352.6  |
| 120°   | 780.4  | 783.3  | 768.9  | 737.3  | 705.7  | 674.1  | 642.5  |
| 122.5° | 826.8  | 828.5  | 826.2  | 820.1  | 814.0  | 807.9  | 801.7  |
| 125°   | 894.9  | 896.6  | 897.7  | 898.4  | 899.1  | 899.8  | 900.5  |
| 127.5° | 958.6  | 961.0  | 962.3  | 962.4  | 962.6  | 962.7  | 962.9  |
| 130°   | 998.8  | 1001.3 | 1002.5 | 1002.3 | 1002.1 | 1001.9 | 1001.6 |
| 132.5° | 1037.2 | 1039.5 | 1040.4 | 1040.3 | 1040.0 | 1039.7 | 1039.6 |
| 135°   | 1092.9 | 1095.3 | 1096.1 | 1095.7 | 1095.3 | 1094.8 | 1094.3 |
| 137.5° | 1144.4 | 1146.7 | 1147.4 | 1146.6 | 1145.8 | 1145.0 | 1144.2 |
| 140°   | 1177.5 | 1179.7 | 1180.1 | 1178.9 | 1177.8 | 1176.6 | 1175.4 |
| 142.5° | 1208.2 | 1210.0 | 1210.4 | 1209.3 | 1208.1 | 1206.9 | 1205.7 |
| 145°   | 1250.9 | 1252.5 | 1252.8 | 1251.5 | 1250.4 | 1249.2 | 1248.1 |
| 147.5° | 1288.0 | 1289.2 | 1289.3 | 1288.3 | 1287.3 | 1286.3 | 1285.4 |
| 150°   | 1311.3 | 1312.7 | 1312.8 | 1311.6 | 1310.4 | 1309.2 | 1308.1 |
| 152.5° | 1332.3 | 1333.8 | 1333.7 | 1332.1 | 1330.6 | 1329.0 | 1327.5 |
| 155°   | 1360.8 | 1362.2 | 1361.9 | 1360.0 | 1358.2 | 1356.3 | 1354.4 |
| 157.5° | 1384.9 | 1386.6 | 1386.4 | 1384.6 | 1382.8 | 1381.0 | 1379.1 |
| 160°   | 1398.7 | 1400.1 | 1400.0 | 1398.4 | 1396.7 | 1395.1 | 1393.4 |
| 162.5° | 1411.9 | 1413.5 | 1413.2 | 1411.3 | 1409.2 | 1407.2 | 1405.2 |
| 165°   | 1427.8 | 1429.4 | 1429.4 | 1427.8 | 1426.2 | 1424.5 | 1422.9 |
| 167.5° | 1441.1 | 1442.7 | 1442.5 | 1440.4 | 1438.3 | 1436.1 | 1434.1 |
| 170°   | 1447.9 | 1449.5 | 1449.2 | 1447.2 | 1445.0 | 1442.9 | 1440.8 |
| 172.5° | 1452.9 | 1454.5 | 1454.3 | 1452.2 | 1450.1 | 1447.9 | 1445.9 |
| 175°   | 1458.4 | 1460.0 | 1459.7 | 1457.3 | 1455.0 | 1452.6 | 1450.3 |
| 177.5° | 1458.6 | 1460.0 | 1459.7 | 1458.1 | 1456.4 | 1454.7 | 1453.0 |
| 180°   | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 | 1455.5 |

(END OF REPORT)