

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: P1010056

Luminaire Tested: S122RDIP-B485D725UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1010056  
REPORT IS A COMBINATION OF REPORTS P988366 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-B485D725UB40-4F0-XX-W2A-A  
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

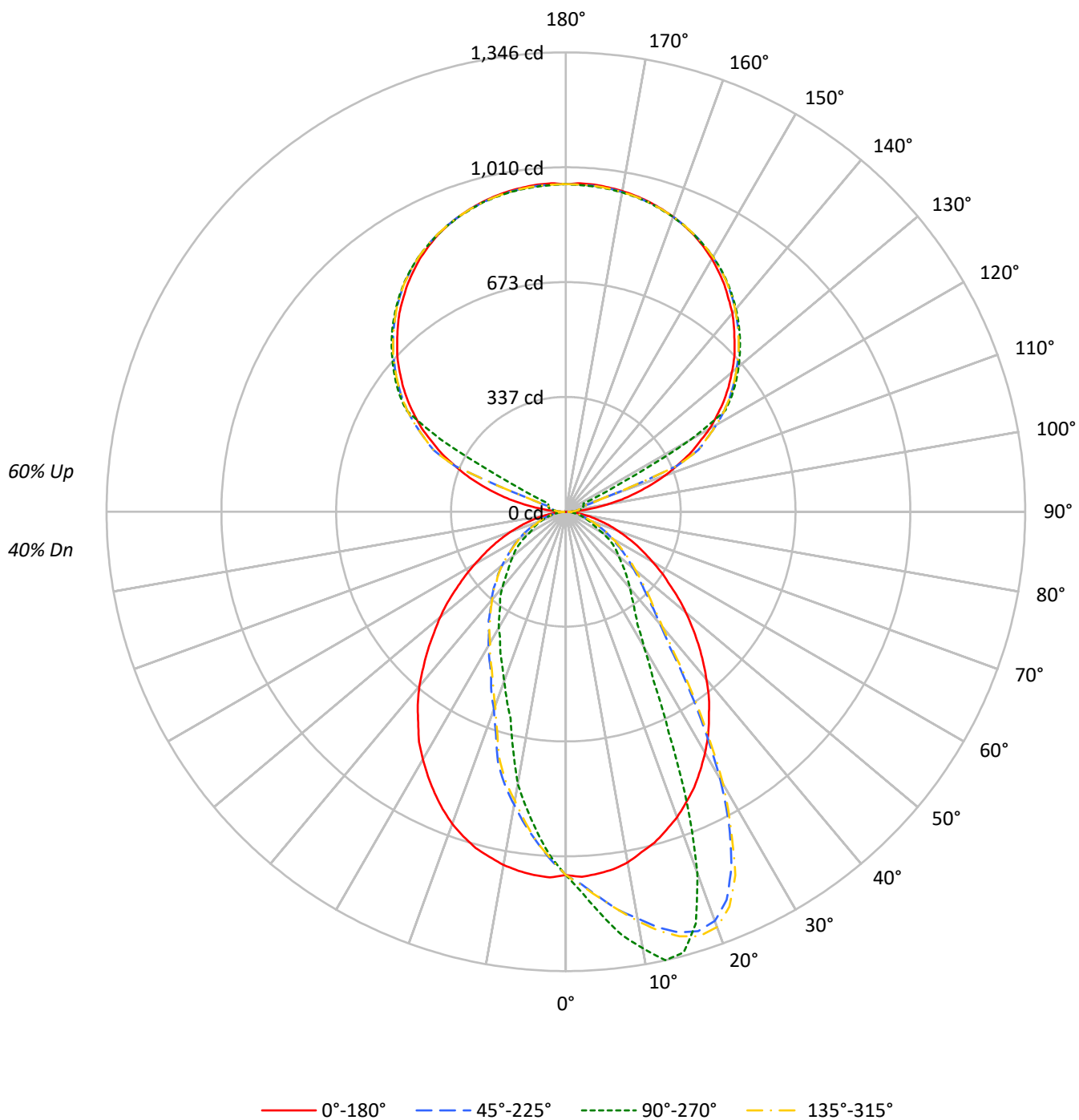
Lumens per Lamp: N/A  
Luminaire Lumens: 4655.0 lumens  
Efficiency: N/A  
Efficacy: 103.2 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 45.1  
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: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**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   | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 61 | 61 | 61 | 47 | 47 | 47 | 47 | 47 | 40 |
| 1   | 96  | 92  | 88  | 85  | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 53 | 52 | 42 | 41 | 40 | 40 | 40 | 35 |
| 2   | 88  | 81  | 75  | 71  | 80 | 74 | 69 | 65 | 61 | 58 | 55 | 49 | 47 | 45 | 38 | 36 | 35 | 35 | 35 | 30 |
| 3   | 81  | 72  | 65  | 60  | 73 | 66 | 60 | 55 | 54 | 50 | 47 | 44 | 41 | 39 | 34 | 32 | 31 | 31 | 31 | 26 |
| 4   | 74  | 64  | 57  | 51  | 67 | 59 | 52 | 47 | 49 | 44 | 40 | 40 | 36 | 34 | 31 | 29 | 27 | 27 | 27 | 23 |
| 5   | 68  | 57  | 50  | 44  | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 36 | 32 | 30 | 28 | 26 | 24 | 24 | 24 | 21 |
| 6   | 63  | 52  | 44  | 39  | 57 | 48 | 41 | 36 | 40 | 35 | 31 | 33 | 29 | 26 | 26 | 23 | 21 | 21 | 21 | 18 |
| 7   | 58  | 47  | 39  | 34  | 53 | 43 | 37 | 32 | 36 | 31 | 28 | 30 | 26 | 24 | 24 | 21 | 19 | 19 | 19 | 17 |
| 8   | 54  | 43  | 35  | 30  | 50 | 39 | 33 | 28 | 33 | 28 | 25 | 28 | 24 | 21 | 22 | 20 | 18 | 18 | 18 | 15 |
| 9   | 51  | 39  | 32  | 27  | 46 | 36 | 30 | 26 | 31 | 26 | 22 | 25 | 22 | 19 | 21 | 18 | 16 | 16 | 16 | 14 |
| 10  | 47  | 36  | 29  | 25  | 43 | 33 | 27 | 23 | 28 | 24 | 20 | 24 | 20 | 18 | 19 | 17 | 15 | 15 | 15 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16846 | 16846 | 16846 | 16846 |
| 5°  | 16884 | 17893 | 16943 | 14293 |
| 10° | 16699 | 18911 | 16816 | 11803 |
| 15° | 16336 | 18917 | 16612 | 8868  |
| 20° | 15900 | 15637 | 16246 | 7316  |
| 25° | 15372 | 9771  | 15704 | 6224  |
| 30° | 14697 | 6256  | 15097 | 5358  |
| 35° | 13875 | 4808  | 14325 | 4585  |
| 40° | 12961 | 4041  | 13516 | 4011  |
| 45° | 11984 | 3439  | 12484 | 3367  |
| 50° | 10981 | 2923  | 11495 | 2911  |
| 55° | 9872  | 2539  | 10405 | 2506  |
| 60° | 8885  | 1937  | 9358  | 1913  |
| 65° | 7967  | 1457  | 8439  | 1653  |
| 70° | 6951  | 1164  | 7492  | 1348  |
| 75° | 5874  | 892   | 6411  | 1018  |
| 80° | 4663  | 605   | 5022  | 669   |
| 85° | 3235  | 313   | 3546  | 332   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 15410 cd/sqm

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 100.9  | 2.2       |
| 10°-20°   | 281.7  | 6.1       |
| 20°-30°   | 362.6  | 7.8       |
| 30°-40°   | 344.0  | 7.4       |
| 40°-50°   | 294.8  | 6.3       |
| 50°-60°   | 224.5  | 4.8       |
| 60°-70°   | 141.6  | 3.0       |
| 70°-80°   | 70.6   | 1.5       |
| 80°-90°   | 19.9   | 0.4       |
| 90°-100°  | 31.7   | 0.7       |
| 100°-110° | 118.0  | 2.5       |
| 110°-120° | 313.0  | 6.7       |
| 120°-130° | 519.1  | 11.2      |
| 130°-140° | 551.4  | 11.8      |
| 140°-150° | 512.4  | 11.0      |
| 150°-160° | 412.0  | 8.9       |
| 160°-170° | 265.5  | 5.7       |
| 170°-180° | 91.4   | 2.0       |
| 0°-30°    | 745.3  | 16.0      |
| 0°-40°    | 1089.3 | 23.4      |
| 0°-60°    | 1608.6 | 34.6      |
| 0°-90°    | 1840.7 | 39.5      |
| 90°-120°  | 462.7  | 9.9       |
| 90°-150°  | 2045.5 | 43.9      |
| 90°-180°  | 2814.0 | 60.5      |
| 0°-180°   | 4655.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1064 | 1064 | 1064 | 1064 | 1064 |      |
| 5°   | 1065 | 1184 | 1069 | 946  | 1065 | 101  |
| 15°  | 1004 | 1336 | 1020 | 626  | 1004 | 282  |
| 25°  | 890  | 713  | 910  | 454  | 890  | 409  |
| 35°  | 731  | 351  | 754  | 335  | 731  | 457  |
| 45°  | 549  | 244  | 572  | 239  | 549  | 424  |
| 55°  | 370  | 169  | 390  | 167  | 370  | 334  |
| 65°  | 224  | 88   | 237  | 100  | 224  | 222  |
| 75°  | 105  | 47   | 115  | 53   | 105  | 114  |
| 85°  | 23   | 13   | 25   | 14   | 23   | 26   |
| 90°  | 1    | 19   | 1    | 19   | 1    | 4    |
| 95°  | 45   | 30   | 45   | 30   | 45   | 53   |
| 105° | 211  | 53   | 211  | 53   | 211  | 226  |
| 115° | 399  | 57   | 399  | 57   | 399  | 393  |
| 125° | 565  | 594  | 565  | 594  | 565  | 504  |
| 135° | 699  | 722  | 699  | 722  | 699  | 540  |
| 145° | 811  | 823  | 811  | 823  | 811  | 507  |
| 155° | 893  | 893  | 893  | 893  | 893  | 411  |
| 165° | 940  | 938  | 940  | 938  | 940  | 266  |
| 175° | 962  | 956  | 962  | 956  | 962  | 92   |
| 180° | 960  | 960  | 960  | 960  | 960  |      |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1070.8 | 1075.3 | 1077.5 | 1080.4 | 1087.1 | 1091.5 | 1098.2 | 1099.7 | 1098.9 | 1101.9 | 1093.7 |
| 5°     | 1064.9 | 1074.5 | 1083.4 | 1090.8 | 1102.6 | 1110.0 | 1118.1 | 1127.8 | 1130.0 | 1141.1 | 1134.4 |
| 7.5°   | 1056.8 | 1070.8 | 1083.4 | 1098.2 | 1115.9 | 1125.5 | 1138.1 | 1152.9 | 1159.6 | 1172.9 | 1176.6 |
| 10°    | 1043.5 | 1063.4 | 1084.9 | 1100.4 | 1124.8 | 1141.8 | 1153.6 | 1177.3 | 1192.8 | 1212.8 | 1209.8 |
| 12.5°  | 1022.0 | 1047.9 | 1076.7 | 1102.6 | 1134.4 | 1145.5 | 1167.7 | 1192.1 | 1212.1 | 1230.6 | 1246.8 |
| 15°    | 1003.5 | 1033.1 | 1064.9 | 1096.7 | 1132.9 | 1153.6 | 1175.8 | 1207.6 | 1229.1 | 1261.6 | 1275.7 |
| 17.5°  | 978.4  | 1016.1 | 1053.8 | 1089.3 | 1132.2 | 1155.9 | 1183.2 | 1214.3 | 1246.1 | 1277.1 | 1288.2 |
| 20°    | 952.5  | 993.2  | 1033.8 | 1081.9 | 1130.7 | 1153.6 | 1181.7 | 1220.2 | 1251.3 | 1275.7 | 1275.7 |
| 22.5°  | 921.4  | 971.0  | 1017.6 | 1063.4 | 1116.7 | 1149.9 | 1178.8 | 1223.9 | 1246.1 | 1251.3 | 1231.3 |
| 25°    | 890.4  | 939.9  | 990.9  | 1047.9 | 1108.5 | 1138.1 | 1170.6 | 1212.8 | 1220.2 | 1199.5 | 1147.7 |
| 27.5°  | 853.4  | 908.9  | 966.5  | 1027.9 | 1091.5 | 1128.5 | 1158.1 | 1186.2 | 1172.1 | 1116.7 | 1036.1 |
| 30°    | 815.7  | 875.6  | 940.7  | 999.1  | 1076.0 | 1110.0 | 1135.2 | 1143.3 | 1098.9 | 1008.7 | 904.4  |
| 32.5°  | 776.5  | 834.9  | 903.7  | 973.9  | 1051.6 | 1084.1 | 1100.4 | 1078.9 | 997.6  | 883.7  | 756.5  |
| 35°    | 730.6  | 796.5  | 868.2  | 941.4  | 1018.3 | 1042.7 | 1052.3 | 999.8  | 895.6  | 748.4  | 621.9  |
| 37.5°  | 689.2  | 755.0  | 832.0  | 906.6  | 981.3  | 994.6  | 985.0  | 902.9  | 770.6  | 624.9  | 501.4  |
| 40°    | 640.4  | 710.7  | 786.1  | 869.7  | 931.0  | 934.7  | 911.1  | 804.6  | 640.4  | 503.6  | 427.4  |
| 42.5°  | 595.3  | 666.3  | 741.7  | 826.8  | 873.4  | 860.8  | 829.0  | 689.2  | 534.7  | 434.1  | 372.7  |
| 45°    | 548.7  | 616.0  | 697.4  | 772.8  | 806.1  | 776.5  | 728.4  | 579.8  | 448.9  | 373.5  | 326.1  |
| 47.5°  | 503.6  | 566.5  | 647.1  | 719.5  | 725.5  | 692.2  | 635.2  | 485.9  | 389.0  | 328.3  | 289.9  |
| 50°    | 459.2  | 522.1  | 597.5  | 657.4  | 651.5  | 605.7  | 541.3  | 422.3  | 338.0  | 289.9  | 258.1  |
| 52.5°  | 414.9  | 471.8  | 545.0  | 592.4  | 567.2  | 522.8  | 459.2  | 357.9  | 295.1  | 252.9  | 228.5  |
| 55°    | 370.5  | 423.7  | 486.6  | 525.8  | 485.9  | 434.8  | 389.7  | 306.9  | 255.9  | 221.9  | 203.4  |
| 57.5°  | 333.5  | 375.7  | 433.4  | 457.0  | 409.0  | 369.0  | 329.8  | 264.0  | 221.9  | 197.5  | 176.0  |
| 60°    | 292.8  | 331.3  | 378.6  | 392.7  | 343.1  | 310.6  | 277.3  | 223.3  | 190.1  | 168.6  | 154.6  |
| 62.5°  | 258.1  | 289.9  | 326.1  | 326.1  | 282.5  | 258.1  | 232.9  | 187.1  | 159.7  | 142.7  | 136.1  |
| 65°    | 224.1  | 247.0  | 272.9  | 269.9  | 232.9  | 211.5  | 191.5  | 154.6  | 133.9  | 122.0  | 115.4  |
| 67.5°  | 190.8  | 208.5  | 225.6  | 215.2  | 188.6  | 170.1  | 151.6  | 125.0  | 110.9  | 102.8  | 93.9   |
| 70°    | 160.5  | 174.5  | 183.4  | 173.8  | 147.2  | 131.6  | 118.3  | 100.6  | 89.5   | 79.1   | 74.0   |
| 72.5°  | 134.6  | 140.5  | 143.5  | 131.6  | 109.4  | 100.6  | 91.0   | 78.4   | 68.8   | 63.6   | 62.1   |
| 75°    | 105.0  | 110.2  | 108.0  | 99.1   | 80.6   | 74.0   | 66.6   | 57.7   | 55.5   | 52.5   | 51.0   |
| 77.5°  | 82.1   | 82.1   | 78.4   | 70.3   | 57.7   | 52.5   | 49.5   | 45.1   | 42.9   | 42.2   | 40.7   |
| 80°    | 58.4   | 57.7   | 55.5   | 46.6   | 39.2   | 36.2   | 36.2   | 33.3   | 32.5   | 31.1   | 31.1   |
| 82.5°  | 38.5   | 38.5   | 35.5   | 28.1   | 25.9   | 25.1   | 24.4   | 22.9   | 22.9   | 22.2   | 22.2   |
| 85°    | 22.9   | 21.4   | 17.7   | 15.5   | 14.8   | 14.8   | 14.1   | 13.3   | 14.1   | 13.3   | 13.3   |
| 87.5°  | 10.4   | 8.1    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    |
| 90°    | 0.7    | 2.4    | 4.1    | 5.8    | 7.5    | 8.3    | 8.9    | 10.2   | 11.4   | 12.7   | 13.9   |
| 92.5°  | 17.4   | 16.8   | 16.2   | 15.5   | 14.9   | 14.6   | 14.8   | 15.3   | 15.8   | 16.2   | 16.7   |
| 95°    | 45.2   | 40.1   | 35.0   | 29.9   | 24.8   | 22.2   | 22.7   | 23.8   | 24.9   | 26.0   | 27.1   |
| 97.5°  | 81.3   | 68.6   | 56.0   | 43.3   | 30.6   | 24.3   | 25.5   | 28.0   | 30.5   | 32.9   | 35.4   |
| 100°   | 122.9  | 101.8  | 80.6   | 59.5   | 38.4   | 27.8   | 29.1   | 31.7   | 34.4   | 37.0   | 39.6   |
| 102.5° | 168.8  | 168.5  | 168.2  | 167.9  | 167.6  | 167.4  | 153.4  | 125.3  | 97.2   | 69.1   | 41.0   |
| 105°   | 211.2  | 215.8  | 220.4  | 225.1  | 229.7  | 232.0  | 210.9  | 168.8  | 126.7  | 84.5   | 42.4   |
| 107.5° | 260.5  | 264.4  | 268.2  | 272.1  | 276.0  | 277.9  | 251.9  | 199.9  | 147.8  | 95.8   | 43.8   |
| 110°   | 307.7  | 310.9  | 314.2  | 317.4  | 320.7  | 322.3  | 300.0  | 255.4  | 210.8  | 166.2  | 121.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 352.2 | 355.0 | 357.8 | 360.5 | 363.3 | 364.7 | 363.4 | 360.8 | 358.1 | 355.5 | 352.9 |
| 115°   | 399.4 | 402.0 | 404.6 | 407.3 | 409.9 | 411.2 | 413.1 | 417.0 | 420.9 | 424.7 | 428.6 |
| 117.5° | 440.4 | 443.5 | 446.6 | 449.7 | 452.8 | 454.3 | 455.6 | 458.2 | 460.9 | 463.5 | 466.1 |
| 120°   | 486.2 | 488.5 | 490.9 | 493.2 | 495.5 | 496.7 | 498.1 | 500.9 | 503.6 | 506.4 | 509.2 |
| 122.5° | 525.1 | 527.6 | 530.1 | 532.6 | 535.1 | 536.3 | 537.8 | 540.9 | 544.0 | 547.0 | 550.1 |
| 125°   | 564.7 | 566.7 | 568.7 | 570.8 | 572.8 | 573.8 | 575.3 | 578.2 | 581.1 | 584.1 | 587.0 |
| 127.5° | 600.9 | 603.1 | 605.2 | 607.4 | 609.5 | 610.6 | 611.8 | 614.1 | 616.4 | 618.7 | 621.0 |
| 130°   | 634.9 | 637.4 | 639.8 | 642.3 | 644.8 | 646.0 | 646.8 | 648.5 | 650.2 | 651.9 | 653.6 |
| 132.5° | 669.6 | 671.6 | 673.6 | 675.7 | 677.7 | 678.7 | 679.5 | 681.2 | 682.9 | 684.6 | 686.3 |
| 135°   | 698.8 | 701.3 | 703.7 | 706.2 | 708.7 | 709.9 | 710.6 | 712.0 | 713.4 | 714.8 | 716.2 |
| 137.5° | 729.4 | 731.2 | 733.1 | 734.9 | 736.8 | 737.7 | 738.5 | 740.0 | 741.5 | 743.1 | 744.6 |
| 140°   | 759.2 | 760.4 | 761.7 | 762.9 | 764.2 | 764.8 | 765.6 | 767.3 | 769.0 | 770.7 | 772.4 |
| 142.5° | 784.2 | 785.3 | 786.4 | 787.5 | 788.6 | 789.1 | 790.1 | 792.1 | 794.1 | 796.1 | 798.1 |
| 145°   | 810.6 | 810.4 | 810.3 | 810.1 | 810.0 | 809.9 | 811.2 | 813.8 | 816.5 | 819.1 | 821.7 |
| 147.5° | 833.6 | 833.1 | 832.7 | 832.2 | 831.7 | 831.5 | 832.8 | 835.4 | 838.1 | 840.7 | 843.3 |
| 150°   | 855.8 | 854.7 | 853.6 | 852.5 | 851.4 | 850.9 | 852.1 | 854.6 | 857.1 | 859.5 | 862.0 |
| 152.5° | 874.5 | 873.3 | 872.1 | 870.8 | 869.6 | 869.0 | 870.2 | 872.5 | 874.8 | 877.1 | 879.4 |
| 155°   | 892.6 | 891.2 | 889.8 | 888.4 | 887.0 | 886.3 | 887.2 | 889.1 | 891.0 | 892.8 | 894.7 |
| 157.5° | 907.2 | 906.0 | 904.7 | 903.5 | 902.2 | 901.6 | 902.3 | 903.7 | 905.1 | 906.5 | 907.9 |
| 160°   | 919.7 | 918.8 | 917.8 | 916.9 | 916.0 | 915.5 | 916.0 | 916.9 | 917.8 | 918.8 | 919.7 |
| 162.5° | 930.8 | 929.9 | 928.9 | 928.0 | 927.1 | 926.6 | 927.0 | 927.8 | 928.5 | 929.3 | 930.1 |
| 165°   | 940.5 | 939.6 | 938.7 | 937.8 | 936.9 | 936.4 | 936.6 | 937.1 | 937.5 | 938.0 | 938.4 |
| 167.5° | 948.2 | 947.3 | 946.3 | 945.4 | 944.5 | 944.0 | 944.2 | 944.7 | 945.2 | 945.6 | 946.1 |
| 170°   | 954.4 | 953.5 | 952.6 | 951.7 | 950.8 | 950.3 | 950.4 | 950.7 | 951.0 | 951.3 | 951.6 |
| 172.5° | 958.6 | 957.7 | 956.7 | 955.8 | 954.9 | 954.4 | 954.6 | 954.9 | 955.2 | 955.5 | 955.8 |
| 175°   | 962.1 | 961.0 | 959.9 | 958.8 | 957.7 | 957.2 | 957.4 | 957.7 | 958.0 | 958.3 | 958.6 |
| 177.5° | 963.4 | 962.3 | 961.3 | 960.2 | 959.1 | 958.6 | 958.7 | 958.8 | 959.0 | 959.1 | 959.3 |
| 180°   | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 |

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CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1101.9 | 1103.4 | 1105.6 | 1115.9 | 1117.4 | 1120.4 | 1118.9 | 1118.9 | 1119.6 | 1118.1 | 1118.9 |
| 5°     | 1149.2 | 1151.4 | 1162.5 | 1175.1 | 1178.0 | 1175.1 | 1178.8 | 1184.0 | 1184.0 | 1184.0 | 1182.5 |
| 7.5°   | 1193.6 | 1201.7 | 1214.3 | 1232.8 | 1236.5 | 1240.2 | 1246.8 | 1242.4 | 1243.9 | 1250.5 | 1248.3 |
| 10°    | 1236.5 | 1248.3 | 1262.3 | 1277.9 | 1286.0 | 1291.2 | 1294.1 | 1300.8 | 1316.3 | 1298.6 | 1305.2 |
| 12.5°  | 1277.1 | 1294.1 | 1308.9 | 1325.9 | 1331.9 | 1338.5 | 1340.7 | 1346.7 | 1346.7 | 1345.9 | 1351.1 |
| 15°    | 1303.8 | 1319.3 | 1332.6 | 1343.7 | 1345.2 | 1343.7 | 1342.2 | 1343.0 | 1345.2 | 1336.3 | 1341.5 |
| 17.5°  | 1309.7 | 1311.2 | 1315.6 | 1311.2 | 1311.9 | 1296.4 | 1287.5 | 1285.3 | 1264.6 | 1265.3 | 1282.3 |
| 20°    | 1280.8 | 1255.7 | 1249.0 | 1224.6 | 1209.8 | 1169.9 | 1168.4 | 1157.3 | 1113.7 | 1127.0 | 1124.1 |
| 22.5°  | 1201.7 | 1158.8 | 1101.9 | 1073.8 | 1059.7 | 1017.6 | 985.0  | 962.1  | 946.6  | 931.0  | 924.4  |
| 25°    | 1097.4 | 1027.9 | 947.3  | 891.9  | 883.7  | 844.5  | 784.6  | 756.5  | 723.2  | 712.9  | 730.6  |
| 27.5°  | 962.8  | 872.6  | 781.7  | 696.6  | 681.1  | 645.6  | 615.3  | 595.3  | 556.9  | 554.6  | 556.1  |
| 30°    | 780.2  | 689.2  | 613.1  | 557.6  | 519.1  | 502.9  | 482.9  | 468.1  | 452.6  | 458.5  | 460.0  |
| 32.5°  | 641.2  | 554.6  | 483.6  | 454.1  | 436.3  | 426.0  | 409.0  | 399.3  | 392.7  | 390.5  | 389.7  |
| 35°    | 509.5  | 451.8  | 420.0  | 391.2  | 380.8  | 373.5  | 360.9  | 356.4  | 350.5  | 351.3  | 351.3  |
| 37.5°  | 436.3  | 388.2  | 364.6  | 349.8  | 340.2  | 336.5  | 328.3  | 323.9  | 320.2  | 318.7  | 320.9  |
| 40°    | 376.4  | 343.1  | 328.3  | 315.0  | 306.9  | 305.4  | 301.0  | 295.8  | 291.4  | 292.1  | 294.3  |
| 42.5°  | 332.8  | 313.6  | 295.8  | 285.5  | 279.5  | 277.3  | 273.6  | 269.9  | 269.9  | 267.7  | 267.0  |
| 45°    | 298.0  | 282.5  | 267.7  | 258.1  | 254.4  | 251.4  | 247.0  | 246.3  | 243.3  | 244.0  | 244.8  |
| 47.5°  | 267.0  | 254.4  | 243.3  | 233.7  | 230.0  | 229.2  | 224.8  | 221.9  | 221.9  | 221.1  | 220.4  |
| 50°    | 238.9  | 226.3  | 216.7  | 211.5  | 206.3  | 204.8  | 204.1  | 203.4  | 201.9  | 201.9  | 202.6  |
| 52.5°  | 215.9  | 203.4  | 196.0  | 191.5  | 188.6  | 187.1  | 187.1  | 186.4  | 186.4  | 186.4  | 185.6  |
| 55°    | 190.8  | 180.4  | 174.5  | 173.0  | 171.6  | 170.8  | 170.1  | 168.6  | 167.9  | 169.3  | 167.9  |
| 57.5°  | 167.1  | 163.4  | 158.3  | 156.8  | 153.1  | 153.1  | 150.9  | 149.4  | 147.9  | 149.4  | 149.4  |
| 60°    | 148.6  | 143.5  | 140.5  | 136.1  | 133.1  | 130.2  | 126.5  | 125.7  | 124.2  | 123.5  | 122.8  |
| 62.5°  | 129.4  | 125.0  | 117.6  | 110.9  | 106.5  | 103.5  | 102.1  | 101.3  | 101.3  | 100.6  | 100.6  |
| 65°    | 108.0  | 97.6   | 93.9   | 91.7   | 91.0   | 90.2   | 88.7   | 88.0   | 88.7   | 88.0   | 88.7   |
| 67.5°  | 84.3   | 82.8   | 80.6   | 79.1   | 78.4   | 77.6   | 77.6   | 76.9   | 76.9   | 76.9   | 76.9   |
| 70°    | 73.2   | 69.5   | 68.8   | 67.3   | 67.3   | 66.6   | 66.6   | 66.6   | 66.6   | 65.8   | 67.3   |
| 72.5°  | 60.6   | 58.4   | 57.7   | 56.9   | 56.9   | 56.9   | 56.2   | 56.2   | 56.2   | 55.5   | 56.2   |
| 75°    | 49.5   | 48.8   | 47.3   | 47.3   | 46.6   | 47.3   | 46.6   | 46.6   | 45.8   | 46.6   | 46.6   |
| 77.5°  | 39.9   | 39.2   | 38.5   | 38.5   | 37.7   | 37.7   | 37.7   | 37.7   | 37.7   | 37.7   | 38.5   |
| 80°    | 30.3   | 29.6   | 28.8   | 29.6   | 28.8   | 29.6   | 28.8   | 28.8   | 29.6   | 28.8   | 28.8   |
| 82.5°  | 22.2   | 21.4   | 21.4   | 20.7   | 20.7   | 20.7   | 20.7   | 20.7   | 20.7   | 20.7   | 20.7   |
| 85°    | 13.3   | 12.6   | 12.6   | 13.3   | 12.6   | 13.3   | 12.6   | 12.6   | 12.6   | 13.3   | 13.3   |
| 87.5°  | 5.9    | 6.7    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 6.7    |
| 90°    | 14.7   | 15.5   | 16.2   | 17.0   | 17.4   | 17.6   | 17.9   | 18.2   | 18.5   | 18.8   | 18.5   |
| 92.5°  | 17.0   | 17.3   | 17.6   | 17.9   | 18.1   | 18.2   | 18.3   | 18.5   | 18.6   | 18.8   | 18.6   |
| 95°    | 27.9   | 28.7   | 29.4   | 30.2   | 30.6   | 30.5   | 30.4   | 30.2   | 30.1   | 29.9   | 30.1   |
| 97.5°  | 35.9   | 36.3   | 36.8   | 37.3   | 37.5   | 37.6   | 37.7   | 37.9   | 38.0   | 38.2   | 38.0   |
| 100°   | 40.8   | 42.1   | 43.3   | 44.6   | 45.2   | 45.3   | 45.6   | 45.9   | 46.2   | 46.5   | 46.2   |
| 102.5° | 42.7   | 44.4   | 46.1   | 47.8   | 48.6   | 48.8   | 49.3   | 49.8   | 50.2   | 50.7   | 50.2   |
| 105°   | 44.1   | 45.8   | 47.5   | 49.2   | 50.0   | 50.3   | 50.9   | 51.6   | 52.2   | 52.8   | 52.2   |
| 107.5° | 45.5   | 47.2   | 48.9   | 50.6   | 51.4   | 51.7   | 52.3   | 53.0   | 53.6   | 54.2   | 53.6   |
| 110°   | 106.2  | 90.7   | 75.3   | 59.8   | 52.1   | 52.4   | 53.0   | 53.7   | 54.3   | 54.9   | 54.3   |



TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 286.4 | 219.8 | 153.3 | 86.8  | 53.5  | 53.7  | 54.2  | 54.7  | 55.1  | 55.6  | 55.1  |
| 115°   | 357.1 | 285.7 | 214.2 | 142.7 | 107.0 | 101.4 | 90.3  | 79.2  | 68.1  | 57.0  | 68.1  |
| 117.5° | 444.0 | 422.0 | 399.9 | 377.8 | 366.8 | 346.6 | 306.1 | 265.7 | 225.2 | 184.8 | 225.2 |
| 120°   | 511.0 | 512.9 | 514.7 | 516.6 | 517.5 | 507.1 | 486.2 | 465.4 | 444.5 | 423.7 | 444.5 |
| 122.5° | 551.0 | 552.0 | 552.9 | 553.8 | 554.3 | 554.4 | 554.5 | 554.7 | 554.8 | 555.0 | 554.8 |
| 125°   | 588.1 | 589.1 | 590.2 | 591.3 | 591.8 | 592.0 | 592.5 | 593.0 | 593.4 | 593.9 | 593.4 |
| 127.5° | 622.5 | 624.1 | 625.6 | 627.1 | 627.9 | 628.0 | 628.1 | 628.3 | 628.4 | 628.6 | 628.4 |
| 130°   | 655.3 | 657.0 | 658.7 | 660.4 | 661.3 | 661.2 | 661.1 | 660.9 | 660.8 | 660.6 | 660.8 |
| 132.5° | 687.7 | 689.1 | 690.4 | 691.8 | 692.5 | 692.4 | 692.3 | 692.1 | 692.0 | 691.8 | 692.0 |
| 135°   | 717.7 | 719.3 | 720.8 | 722.3 | 723.1 | 722.9 | 722.6 | 722.3 | 722.0 | 721.7 | 722.0 |
| 137.5° | 746.2 | 747.7 | 749.3 | 750.8 | 751.6 | 751.4 | 750.9 | 750.4 | 750.0 | 749.5 | 750.0 |
| 140°   | 773.8 | 775.2 | 776.6 | 778.0 | 778.7 | 778.3 | 777.5 | 776.8 | 776.0 | 775.2 | 776.0 |
| 142.5° | 799.3 | 800.6 | 801.8 | 803.1 | 803.7 | 803.3 | 802.5 | 801.8 | 801.0 | 800.2 | 801.0 |
| 145°   | 822.8 | 823.9 | 825.0 | 826.1 | 826.6 | 826.2 | 825.4 | 824.7 | 823.9 | 823.1 | 823.9 |
| 147.5° | 844.1 | 844.9 | 845.6 | 846.4 | 846.8 | 846.5 | 845.9 | 845.2 | 844.6 | 844.0 | 844.6 |
| 150°   | 862.9 | 863.9 | 864.8 | 865.7 | 866.2 | 865.8 | 865.0 | 864.3 | 863.5 | 862.7 | 863.5 |
| 152.5° | 880.3 | 881.3 | 882.2 | 883.1 | 883.6 | 883.1 | 882.0 | 880.9 | 879.8 | 878.7 | 879.8 |
| 155°   | 895.6 | 896.5 | 897.4 | 898.3 | 898.8 | 898.2 | 897.0 | 895.7 | 894.5 | 893.3 | 894.5 |
| 157.5° | 909.0 | 910.0 | 911.1 | 912.2 | 912.7 | 912.1 | 910.9 | 909.6 | 908.4 | 907.2 | 908.4 |
| 160°   | 920.6 | 921.6 | 922.5 | 923.4 | 923.9 | 923.4 | 922.3 | 921.2 | 920.1 | 919.0 | 920.1 |
| 162.5° | 931.2 | 932.3 | 933.4 | 934.5 | 935.0 | 934.3 | 932.9 | 931.5 | 930.1 | 928.7 | 930.1 |
| 165°   | 939.5 | 940.6 | 941.7 | 942.8 | 943.3 | 942.8 | 941.7 | 940.6 | 939.5 | 938.4 | 939.5 |
| 167.5° | 947.2 | 948.2 | 949.3 | 950.4 | 950.9 | 950.2 | 948.8 | 947.5 | 946.1 | 944.7 | 946.1 |
| 170°   | 952.7 | 953.8 | 954.9 | 956.0 | 956.5 | 955.8 | 954.4 | 953.1 | 951.7 | 950.3 | 951.7 |
| 172.5° | 956.9 | 958.0 | 959.1 | 960.2 | 960.7 | 960.0 | 958.6 | 957.2 | 955.8 | 954.4 | 955.8 |
| 175°   | 959.7 | 960.7 | 961.8 | 962.9 | 963.4 | 962.6 | 961.1 | 959.6 | 958.0 | 956.5 | 958.0 |
| 177.5° | 960.4 | 961.4 | 962.5 | 963.6 | 964.1 | 963.4 | 962.0 | 960.7 | 959.3 | 957.9 | 959.3 |
| 180°   | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1121.8 | 1116.7 | 1115.2 | 1116.7 | 1115.2 | 1115.9 | 1110.7 | 1091.5 | 1096.7 | 1088.6 | 1093.0 |
| 5°     | 1185.4 | 1181.0 | 1171.4 | 1169.9 | 1168.4 | 1167.0 | 1159.6 | 1142.5 | 1135.9 | 1124.8 | 1124.1 |
| 7.5°   | 1246.1 | 1246.1 | 1238.7 | 1233.5 | 1226.9 | 1221.7 | 1212.1 | 1186.9 | 1176.6 | 1163.3 | 1155.9 |
| 10°    | 1306.0 | 1286.8 | 1294.9 | 1289.7 | 1273.4 | 1270.5 | 1252.7 | 1237.9 | 1218.0 | 1204.7 | 1192.8 |
| 12.5°  | 1348.9 | 1343.0 | 1335.6 | 1331.1 | 1326.7 | 1317.1 | 1305.2 | 1267.5 | 1257.2 | 1230.6 | 1217.2 |
| 15°    | 1347.4 | 1343.7 | 1345.9 | 1345.9 | 1344.4 | 1342.2 | 1332.6 | 1305.2 | 1287.5 | 1261.6 | 1238.7 |
| 17.5°  | 1274.9 | 1284.5 | 1294.1 | 1300.8 | 1315.6 | 1322.2 | 1331.1 | 1314.9 | 1303.8 | 1281.6 | 1257.2 |
| 20°    | 1148.5 | 1172.1 | 1200.2 | 1206.1 | 1219.5 | 1258.7 | 1276.4 | 1290.5 | 1294.9 | 1287.5 | 1267.5 |
| 22.5°  | 972.5  | 992.4  | 1060.5 | 1059.0 | 1078.2 | 1124.8 | 1176.6 | 1218.7 | 1252.0 | 1270.5 | 1263.1 |
| 25°    | 761.7  | 789.8  | 826.0  | 853.4  | 916.3  | 985.8  | 1050.1 | 1117.4 | 1175.1 | 1226.1 | 1238.7 |
| 27.5°  | 576.1  | 613.1  | 641.9  | 678.1  | 709.9  | 792.0  | 874.8  | 979.9  | 1047.2 | 1144.0 | 1194.3 |
| 30°    | 465.9  | 482.9  | 511.7  | 528.8  | 544.3  | 607.1  | 701.1  | 804.6  | 922.9  | 1034.6 | 1121.1 |
| 32.5°  | 397.9  | 409.7  | 431.1  | 438.5  | 454.8  | 497.0  | 556.1  | 650.8  | 772.8  | 908.1  | 1022.0 |
| 35°    | 357.2  | 369.8  | 374.2  | 380.8  | 394.2  | 420.8  | 461.5  | 530.2  | 640.4  | 772.8  | 908.9  |
| 37.5°  | 322.4  | 329.1  | 341.7  | 346.1  | 350.5  | 370.5  | 397.9  | 445.9  | 519.1  | 627.8  | 778.7  |
| 40°    | 298.0  | 301.7  | 308.4  | 312.1  | 315.0  | 329.1  | 353.5  | 386.0  | 440.0  | 522.8  | 661.9  |
| 42.5°  | 272.1  | 276.6  | 281.0  | 285.5  | 289.1  | 300.2  | 315.0  | 346.1  | 382.3  | 445.2  | 545.8  |
| 45°    | 247.0  | 250.0  | 255.1  | 258.1  | 263.3  | 272.1  | 285.5  | 306.9  | 339.4  | 379.4  | 460.7  |
| 47.5°  | 224.1  | 227.8  | 230.0  | 233.7  | 237.4  | 247.0  | 259.6  | 273.6  | 300.2  | 339.4  | 398.6  |
| 50°    | 203.4  | 207.8  | 210.8  | 211.5  | 214.5  | 223.3  | 233.7  | 249.2  | 266.2  | 296.5  | 348.3  |
| 52.5°  | 188.6  | 189.3  | 191.5  | 194.5  | 193.8  | 198.9  | 208.5  | 220.4  | 238.1  | 262.5  | 300.2  |
| 55°    | 171.6  | 173.8  | 175.3  | 176.0  | 176.0  | 180.4  | 185.6  | 196.7  | 210.8  | 230.7  | 262.5  |
| 57.5°  | 150.1  | 152.3  | 156.8  | 158.3  | 160.5  | 162.7  | 164.9  | 172.3  | 184.1  | 203.4  | 229.2  |
| 60°    | 127.9  | 129.4  | 133.9  | 136.8  | 138.3  | 144.2  | 147.2  | 153.1  | 159.7  | 173.8  | 198.2  |
| 62.5°  | 102.8  | 104.3  | 106.5  | 109.4  | 112.4  | 121.3  | 128.7  | 134.6  | 139.8  | 149.4  | 169.3  |
| 65°    | 89.5   | 90.2   | 91.7   | 92.4   | 93.2   | 96.9   | 103.5  | 111.7  | 121.3  | 128.7  | 140.5  |
| 67.5°  | 77.6   | 78.4   | 79.1   | 80.6   | 81.3   | 82.1   | 85.0   | 87.3   | 96.9   | 107.2  | 116.1  |
| 70°    | 66.6   | 68.0   | 68.8   | 68.8   | 69.5   | 71.0   | 72.5   | 75.4   | 78.4   | 83.6   | 94.7   |
| 72.5°  | 56.2   | 56.9   | 58.4   | 58.4   | 58.4   | 59.9   | 61.4   | 62.9   | 64.3   | 67.3   | 71.7   |
| 75°    | 46.6   | 48.1   | 48.1   | 48.1   | 48.8   | 48.8   | 50.3   | 51.8   | 53.2   | 55.5   | 56.9   |
| 77.5°  | 38.5   | 38.5   | 38.5   | 38.5   | 39.2   | 39.2   | 39.9   | 41.4   | 42.2   | 42.9   | 44.4   |
| 80°    | 28.8   | 29.6   | 29.6   | 29.6   | 30.3   | 30.3   | 30.3   | 31.8   | 32.5   | 32.5   | 34.0   |
| 82.5°  | 21.4   | 21.4   | 21.4   | 22.2   | 21.4   | 22.2   | 22.2   | 22.9   | 22.2   | 22.9   | 23.7   |
| 85°    | 13.3   | 13.3   | 13.3   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.8   |
| 87.5°  | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 7.4    | 6.7    | 6.7    |
| 90°    | 18.2   | 17.9   | 17.6   | 17.4   | 17.0   | 16.2   | 15.5   | 14.7   | 13.9   | 12.7   | 11.4   |
| 92.5°  | 18.5   | 18.3   | 18.2   | 18.1   | 17.9   | 17.6   | 17.3   | 17.0   | 16.7   | 16.2   | 15.8   |
| 95°    | 30.2   | 30.4   | 30.5   | 30.6   | 30.2   | 29.4   | 28.7   | 27.9   | 27.1   | 26.0   | 24.9   |
| 97.5°  | 37.9   | 37.7   | 37.6   | 37.5   | 37.3   | 36.8   | 36.3   | 35.9   | 35.4   | 32.9   | 30.5   |
| 100°   | 45.9   | 45.6   | 45.3   | 45.2   | 44.6   | 43.3   | 42.1   | 40.8   | 39.6   | 37.0   | 34.4   |
| 102.5° | 49.8   | 49.3   | 48.8   | 48.6   | 47.8   | 46.1   | 44.4   | 42.7   | 41.0   | 39.1   | 37.2   |
| 105°   | 51.6   | 50.9   | 50.3   | 50.0   | 49.2   | 47.5   | 45.8   | 44.1   | 42.4   | 40.5   | 38.7   |
| 107.5° | 53.0   | 52.3   | 51.7   | 51.4   | 50.6   | 48.9   | 47.2   | 45.5   | 43.8   | 42.0   | 40.2   |
| 110°   | 53.7   | 53.0   | 52.4   | 52.1   | 51.8   | 51.3   | 50.7   | 50.2   | 49.6   | 49.0   | 48.4   |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 54.7  | 54.2  | 53.7  | 53.5   | 86.8  | 153.3 | 219.8 | 286.4 | 352.9 | 355.5 | 358.1 |
| 115°   | 79.2  | 90.3  | 101.4 | 107.0  | 142.7 | 214.2 | 285.7 | 357.1 | 428.6 | 424.7 | 420.9 |
| 117.5° | 265.7 | 306.1 | 346.6 | 366.8  | 377.8 | 399.9 | 422.0 | 444.0 | 466.1 | 463.5 | 460.9 |
| 120°   | 465.4 | 486.2 | 507.1 | 517.5  | 516.6 | 514.7 | 512.9 | 511.0 | 509.2 | 506.4 | 503.6 |
| 122.5° | 554.7 | 554.5 | 554.4 | 554.3  | 553.8 | 552.9 | 552.0 | 551.0 | 550.1 | 547.0 | 544.0 |
| 125°   | 593.0 | 592.5 | 592.0 | 591.8  | 591.3 | 590.2 | 589.1 | 588.1 | 587.0 | 584.1 | 581.1 |
| 127.5° | 628.3 | 628.1 | 628.0 | 627.9  | 627.1 | 625.6 | 624.1 | 622.5 | 621.0 | 618.7 | 616.4 |
| 130°   | 660.9 | 661.1 | 661.2 | 661.3  | 660.4 | 658.7 | 657.0 | 655.3 | 653.6 | 651.9 | 650.2 |
| 132.5° | 692.1 | 692.3 | 692.4 | 692.5  | 691.8 | 690.4 | 689.1 | 687.7 | 686.3 | 684.6 | 682.9 |
| 135°   | 722.3 | 722.6 | 722.9 | 723.1  | 722.3 | 720.8 | 719.3 | 717.7 | 716.2 | 714.8 | 713.4 |
| 137.5° | 750.4 | 750.9 | 751.4 | 751.6  | 750.8 | 749.3 | 747.7 | 746.2 | 744.6 | 743.1 | 741.5 |
| 140°   | 776.8 | 777.5 | 778.3 | 778.7  | 778.0 | 776.6 | 775.2 | 773.8 | 772.4 | 770.7 | 769.0 |
| 142.5° | 801.8 | 802.5 | 803.3 | 803.7  | 803.1 | 801.8 | 800.6 | 799.3 | 798.1 | 796.1 | 794.1 |
| 145°   | 824.7 | 825.4 | 826.2 | 826.6  | 826.1 | 825.0 | 823.9 | 822.8 | 821.7 | 819.1 | 816.5 |
| 147.5° | 845.2 | 845.9 | 846.5 | 846.8  | 846.4 | 845.6 | 844.9 | 844.1 | 843.3 | 840.7 | 838.1 |
| 150°   | 864.3 | 865.0 | 865.8 | 866.2  | 865.7 | 864.8 | 863.9 | 862.9 | 862.0 | 859.5 | 857.1 |
| 152.5° | 880.9 | 882.0 | 883.1 | 883.6  | 883.1 | 882.2 | 881.3 | 880.3 | 879.4 | 877.1 | 874.8 |
| 155°   | 895.7 | 897.0 | 898.2 | 898.8  | 898.3 | 897.4 | 896.5 | 895.6 | 894.7 | 892.8 | 891.0 |
| 157.5° | 909.6 | 910.9 | 912.1 | 912.7  | 912.2 | 911.1 | 910.0 | 909.0 | 907.9 | 906.5 | 905.1 |
| 160°   | 921.2 | 922.3 | 923.4 | 923.9  | 923.4 | 922.5 | 921.6 | 920.6 | 919.7 | 918.8 | 917.8 |
| 162.5° | 931.5 | 932.9 | 934.3 | 935.0  | 934.5 | 933.4 | 932.3 | 931.2 | 930.1 | 929.3 | 928.5 |
| 165°   | 940.6 | 941.7 | 942.8 | 943.3  | 942.8 | 941.7 | 940.6 | 939.5 | 938.4 | 938.0 | 937.5 |
| 167.5° | 947.5 | 948.8 | 950.2 | 950.9  | 950.4 | 949.3 | 948.2 | 947.2 | 946.1 | 945.6 | 945.2 |
| 170°   | 953.1 | 954.4 | 955.8 | 956.5  | 956.0 | 954.9 | 953.8 | 952.7 | 951.6 | 951.3 | 951.0 |
| 172.5° | 957.2 | 958.6 | 960.0 | 960.7  | 960.2 | 959.1 | 958.0 | 956.9 | 955.8 | 955.5 | 955.2 |
| 175°   | 959.6 | 961.1 | 962.6 | 963.4  | 962.9 | 961.8 | 960.7 | 959.7 | 958.6 | 958.3 | 958.0 |
| 177.5° | 960.7 | 962.0 | 963.4 | 964.1  | 963.6 | 962.5 | 961.4 | 960.4 | 959.3 | 959.1 | 959.0 |
| 180°   | 960.0 | 960.0 | 960.0 | 960.0  | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1086.3 | 1082.6 | 1082.6 | 1080.4 | 1080.4 | 1068.6 | 1068.6 | 1072.3 | 1067.9 | 1062.7 | 1055.3 |
| 5°     | 1114.4 | 1106.3 | 1104.1 | 1101.1 | 1091.5 | 1076.7 | 1070.8 | 1068.6 | 1059.7 | 1048.6 | 1036.1 |
| 7.5°   | 1141.1 | 1127.8 | 1121.1 | 1114.4 | 1101.9 | 1081.2 | 1069.3 | 1061.2 | 1047.9 | 1030.9 | 1014.6 |
| 10°    | 1167.0 | 1149.9 | 1132.9 | 1124.8 | 1107.1 | 1081.2 | 1064.2 | 1050.8 | 1031.6 | 1008.7 | 985.8  |
| 12.5°  | 1190.6 | 1155.1 | 1152.2 | 1135.9 | 1110.0 | 1080.4 | 1054.5 | 1035.3 | 1010.9 | 984.3  | 957.7  |
| 15°    | 1211.3 | 1175.1 | 1157.3 | 1142.5 | 1108.5 | 1071.6 | 1044.2 | 1020.5 | 988.0  | 957.7  | 925.1  |
| 17.5°  | 1221.7 | 1182.5 | 1170.6 | 1146.2 | 1111.5 | 1063.4 | 1026.4 | 997.6  | 962.1  | 925.9  | 888.9  |
| 20°    | 1232.0 | 1186.2 | 1167.0 | 1149.9 | 1102.6 | 1047.9 | 1006.5 | 973.2  | 934.0  | 891.1  | 850.4  |
| 22.5°  | 1237.2 | 1186.2 | 1163.3 | 1139.6 | 1093.7 | 1030.9 | 982.1  | 942.9  | 897.0  | 853.4  | 804.6  |
| 25°    | 1228.3 | 1181.7 | 1154.4 | 1130.0 | 1078.2 | 1010.2 | 954.0  | 909.6  | 860.8  | 811.2  | 761.7  |
| 27.5°  | 1206.1 | 1171.4 | 1139.6 | 1114.4 | 1056.8 | 983.6  | 924.4  | 874.1  | 823.8  | 768.4  | 718.1  |
| 30°    | 1164.7 | 1149.2 | 1124.1 | 1096.0 | 1033.1 | 959.9  | 889.6  | 837.9  | 782.4  | 726.9  | 674.4  |
| 32.5°  | 1100.4 | 1113.7 | 1097.4 | 1073.0 | 1005.0 | 927.3  | 852.7  | 800.2  | 739.5  | 679.6  | 631.5  |
| 35°    | 1022.0 | 1069.3 | 1060.5 | 1043.5 | 975.4  | 892.6  | 817.9  | 754.3  | 693.7  | 633.0  | 585.0  |
| 37.5°  | 936.2  | 1008.0 | 1015.4 | 1005.0 | 941.4  | 857.1  | 775.0  | 712.9  | 650.8  | 589.4  | 540.6  |
| 40°    | 818.6  | 928.8  | 952.5  | 956.9  | 905.9  | 814.2  | 728.4  | 667.8  | 606.4  | 546.5  | 487.3  |
| 42.5°  | 710.7  | 849.7  | 879.3  | 897.8  | 860.8  | 772.1  | 685.5  | 618.2  | 557.6  | 503.6  | 444.4  |
| 45°    | 609.4  | 754.3  | 802.4  | 826.0  | 809.8  | 724.0  | 634.5  | 571.6  | 516.2  | 466.6  | 409.7  |
| 47.5°  | 505.1  | 650.8  | 718.1  | 755.8  | 755.8  | 675.2  | 585.7  | 523.6  | 470.3  | 428.2  | 377.9  |
| 50°    | 435.6  | 556.9  | 626.4  | 675.9  | 689.2  | 625.6  | 541.3  | 480.7  | 430.4  | 384.5  | 346.1  |
| 52.5°  | 371.2  | 479.9  | 537.6  | 589.4  | 627.8  | 572.4  | 491.8  | 437.1  | 387.5  | 344.6  | 314.3  |
| 55°    | 320.9  | 402.3  | 454.8  | 511.7  | 554.6  | 518.4  | 443.7  | 390.5  | 347.6  | 312.1  | 286.2  |
| 57.5°  | 272.9  | 343.9  | 386.8  | 437.1  | 482.9  | 455.5  | 395.6  | 349.8  | 312.1  | 281.0  | 258.1  |
| 60°    | 232.2  | 289.9  | 323.2  | 362.4  | 419.3  | 400.1  | 350.5  | 308.4  | 278.1  | 250.0  | 230.7  |
| 62.5°  | 197.5  | 243.3  | 271.4  | 299.5  | 351.3  | 342.4  | 303.9  | 271.4  | 245.5  | 221.9  | 205.6  |
| 65°    | 162.0  | 199.7  | 221.9  | 246.3  | 287.7  | 291.4  | 260.3  | 237.4  | 213.7  | 193.0  | 178.2  |
| 67.5°  | 130.9  | 160.5  | 180.4  | 201.1  | 234.4  | 244.8  | 223.3  | 204.1  | 184.1  | 167.1  | 153.8  |
| 70°    | 105.8  | 126.5  | 141.2  | 157.5  | 184.9  | 197.5  | 186.4  | 173.0  | 156.8  | 142.7  | 130.9  |
| 72.5°  | 83.6   | 96.9   | 105.8  | 118.3  | 140.5  | 153.1  | 152.3  | 140.5  | 128.7  | 119.1  | 109.4  |
| 75°    | 61.4   | 71.7   | 79.1   | 87.3   | 105.0  | 116.8  | 119.8  | 114.6  | 102.8  | 95.4   | 88.0   |
| 77.5°  | 46.6   | 52.5   | 56.2   | 62.1   | 74.7   | 85.0   | 89.5   | 88.0   | 79.9   | 74.0   | 68.8   |
| 80°    | 35.5   | 37.0   | 38.5   | 40.7   | 51.0   | 60.6   | 63.6   | 62.9   | 58.4   | 56.2   | 50.3   |
| 82.5°  | 25.1   | 25.9   | 26.6   | 27.4   | 31.1   | 39.2   | 42.2   | 43.6   | 39.9   | 37.7   | 32.5   |
| 85°    | 14.8   | 15.5   | 15.5   | 17.0   | 17.7   | 20.0   | 25.1   | 25.1   | 24.4   | 21.4   | 20.7   |
| 87.5°  | 7.4    | 7.4    | 6.7    | 6.7    | 7.4    | 8.1    | 9.6    | 11.1   | 9.6    | 8.9    | 8.1    |
| 90°    | 10.2   | 8.9    | 8.3    | 7.5    | 5.8    | 4.1    | 2.4    | 0.7    | 2.4    | 4.1    | 5.8    |
| 92.5°  | 15.3   | 14.8   | 14.6   | 14.9   | 15.5   | 16.2   | 16.8   | 17.4   | 16.8   | 16.2   | 15.5   |
| 95°    | 23.8   | 22.7   | 22.2   | 24.8   | 29.9   | 35.0   | 40.1   | 45.2   | 40.1   | 35.0   | 29.9   |
| 97.5°  | 28.0   | 25.5   | 24.3   | 30.6   | 43.3   | 56.0   | 68.6   | 81.3   | 68.6   | 56.0   | 43.3   |
| 100°   | 31.7   | 29.1   | 27.8   | 38.4   | 59.5   | 80.6   | 101.8  | 122.9  | 101.8  | 80.6   | 59.5   |
| 102.5° | 125.3  | 153.4  | 167.4  | 167.6  | 167.9  | 168.2  | 168.5  | 168.8  | 168.5  | 168.2  | 167.9  |
| 105°   | 168.8  | 210.9  | 232.0  | 229.7  | 225.1  | 220.4  | 215.8  | 211.2  | 215.8  | 220.4  | 225.1  |
| 107.5° | 199.9  | 251.9  | 277.9  | 276.0  | 272.1  | 268.2  | 264.4  | 260.5  | 264.4  | 268.2  | 272.1  |
| 110°   | 255.4  | 300.0  | 322.3  | 320.7  | 317.4  | 314.2  | 310.9  | 307.7  | 310.9  | 314.2  | 317.4  |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 360.8 | 363.4 | 364.7  | 363.3 | 360.5 | 357.8 | 355.0 | 352.2 | 355.0 | 357.8 | 360.5 |
| 115°   | 417.0 | 413.1 | 411.2  | 409.9 | 407.3 | 404.6 | 402.0 | 399.4 | 402.0 | 404.6 | 407.3 |
| 117.5° | 458.2 | 455.6 | 454.3  | 452.8 | 449.7 | 446.6 | 443.5 | 440.4 | 443.5 | 446.6 | 449.7 |
| 120°   | 500.9 | 498.1 | 496.7  | 495.5 | 493.2 | 490.9 | 488.5 | 486.2 | 488.5 | 490.9 | 493.2 |
| 122.5° | 540.9 | 537.8 | 536.3  | 535.1 | 532.6 | 530.1 | 527.6 | 525.1 | 527.6 | 530.1 | 532.6 |
| 125°   | 578.2 | 575.3 | 573.8  | 572.8 | 570.8 | 568.7 | 566.7 | 564.7 | 566.7 | 568.7 | 570.8 |
| 127.5° | 614.1 | 611.8 | 610.6  | 609.5 | 607.4 | 605.2 | 603.1 | 600.9 | 603.1 | 605.2 | 607.4 |
| 130°   | 648.5 | 646.8 | 646.0  | 644.8 | 642.3 | 639.8 | 637.4 | 634.9 | 637.4 | 639.8 | 642.3 |
| 132.5° | 681.2 | 679.5 | 678.7  | 677.7 | 675.7 | 673.6 | 671.6 | 669.6 | 671.6 | 673.6 | 675.7 |
| 135°   | 712.0 | 710.6 | 709.9  | 708.7 | 706.2 | 703.7 | 701.3 | 698.8 | 701.3 | 703.7 | 706.2 |
| 137.5° | 740.0 | 738.5 | 737.7  | 736.8 | 734.9 | 733.1 | 731.2 | 729.4 | 731.2 | 733.1 | 734.9 |
| 140°   | 767.3 | 765.6 | 764.8  | 764.2 | 762.9 | 761.7 | 760.4 | 759.2 | 760.4 | 761.7 | 762.9 |
| 142.5° | 792.1 | 790.1 | 789.1  | 788.6 | 787.5 | 786.4 | 785.3 | 784.2 | 785.3 | 786.4 | 787.5 |
| 145°   | 813.8 | 811.2 | 809.9  | 810.0 | 810.1 | 810.3 | 810.4 | 810.6 | 810.4 | 810.3 | 810.1 |
| 147.5° | 835.4 | 832.8 | 831.5  | 831.7 | 832.2 | 832.7 | 833.1 | 833.6 | 833.1 | 832.7 | 832.2 |
| 150°   | 854.6 | 852.1 | 850.9  | 851.4 | 852.5 | 853.6 | 854.7 | 855.8 | 854.7 | 853.6 | 852.5 |
| 152.5° | 872.5 | 870.2 | 869.0  | 869.6 | 870.8 | 872.1 | 873.3 | 874.5 | 873.3 | 872.1 | 870.8 |
| 155°   | 889.1 | 887.2 | 886.3  | 887.0 | 888.4 | 889.8 | 891.2 | 892.6 | 891.2 | 889.8 | 888.4 |
| 157.5° | 903.7 | 902.3 | 901.6  | 902.2 | 903.5 | 904.7 | 906.0 | 907.2 | 906.0 | 904.7 | 903.5 |
| 160°   | 916.9 | 916.0 | 915.5  | 916.0 | 916.9 | 917.8 | 918.8 | 919.7 | 918.8 | 917.8 | 916.9 |
| 162.5° | 927.8 | 927.0 | 926.6  | 927.1 | 928.0 | 928.9 | 929.9 | 930.8 | 929.9 | 928.9 | 928.0 |
| 165°   | 937.1 | 936.6 | 936.4  | 936.9 | 937.8 | 938.7 | 939.6 | 940.5 | 939.6 | 938.7 | 937.8 |
| 167.5° | 944.7 | 944.2 | 944.0  | 944.5 | 945.4 | 946.3 | 947.3 | 948.2 | 947.3 | 946.3 | 945.4 |
| 170°   | 950.7 | 950.4 | 950.3  | 950.8 | 951.7 | 952.6 | 953.5 | 954.4 | 953.5 | 952.6 | 951.7 |
| 172.5° | 954.9 | 954.6 | 954.4  | 954.9 | 955.8 | 956.7 | 957.7 | 958.6 | 957.7 | 956.7 | 955.8 |
| 175°   | 957.7 | 957.4 | 957.2  | 957.7 | 958.8 | 959.9 | 961.0 | 962.1 | 961.0 | 959.9 | 958.8 |
| 177.5° | 958.8 | 958.7 | 958.6  | 959.1 | 960.2 | 961.3 | 962.3 | 963.4 | 962.3 | 961.3 | 960.2 |
| 180°   | 960.0 | 960.0 | 960.0  | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1052.3 | 1053.1 | 1055.3 | 1048.6 | 1038.3 | 1033.8 | 1020.5 | 1018.3 | 1016.1 | 1016.1 | 1018.3 |
| 5°     | 1028.7 | 1025.7 | 1026.4 | 1013.9 | 999.1  | 990.2  | 971.7  | 974.7  | 965.1  | 959.1  | 960.6  |
| 7.5°   | 1002.8 | 994.6  | 993.9  | 977.6  | 959.1  | 942.9  | 923.7  | 919.2  | 910.3  | 900.0  | 895.6  |
| 10°    | 970.2  | 964.3  | 953.2  | 934.7  | 911.1  | 897.8  | 871.9  | 856.4  | 854.1  | 838.6  | 832.7  |
| 12.5°  | 937.0  | 926.6  | 915.5  | 889.6  | 863.0  | 841.6  | 822.3  | 805.3  | 793.5  | 780.2  | 771.3  |
| 15°    | 898.5  | 885.9  | 873.4  | 846.0  | 814.9  | 793.5  | 764.7  | 739.5  | 704.8  | 677.4  | 661.9  |
| 17.5°  | 856.4  | 842.3  | 825.3  | 795.0  | 764.7  | 735.1  | 681.8  | 652.3  | 627.8  | 611.6  | 602.0  |
| 20°    | 812.7  | 797.2  | 780.2  | 749.9  | 697.4  | 645.6  | 616.0  | 593.1  | 578.3  | 562.0  | 550.2  |
| 22.5°  | 766.9  | 750.6  | 732.1  | 684.8  | 629.3  | 593.1  | 570.2  | 548.7  | 527.3  | 518.4  | 512.5  |
| 25°    | 724.0  | 709.2  | 685.5  | 621.2  | 577.6  | 544.3  | 518.4  | 504.3  | 493.3  | 481.4  | 470.3  |
| 27.5°  | 679.6  | 652.3  | 619.0  | 565.0  | 537.6  | 503.6  | 485.1  | 474.8  | 455.5  | 447.4  | 442.2  |
| 30°    | 626.4  | 596.0  | 564.2  | 525.8  | 494.0  | 470.3  | 453.3  | 436.3  | 425.2  | 417.1  | 408.2  |
| 32.5°  | 572.4  | 543.5  | 523.6  | 483.6  | 460.0  | 435.6  | 419.3  | 409.0  | 392.7  | 387.5  | 383.8  |
| 35°    | 525.8  | 501.4  | 483.6  | 451.1  | 428.9  | 406.7  | 394.9  | 379.4  | 369.0  | 359.4  | 353.5  |
| 37.5°  | 479.9  | 466.6  | 448.1  | 420.8  | 397.1  | 379.4  | 363.1  | 357.9  | 343.9  | 338.7  | 332.8  |
| 40°    | 448.1  | 428.2  | 412.6  | 389.0  | 369.0  | 349.8  | 339.4  | 327.6  | 318.0  | 309.9  | 307.6  |
| 42.5°  | 409.7  | 394.9  | 386.0  | 360.1  | 339.4  | 328.3  | 315.8  | 302.5  | 295.1  | 288.4  | 280.3  |
| 45°    | 380.8  | 367.5  | 355.0  | 334.3  | 315.8  | 301.7  | 290.6  | 281.8  | 269.2  | 266.2  | 253.7  |
| 47.5°  | 350.5  | 337.2  | 327.6  | 306.9  | 289.9  | 276.6  | 268.4  | 256.6  | 246.3  | 239.6  | 233.7  |
| 50°    | 320.2  | 309.1  | 300.2  | 282.5  | 267.7  | 253.7  | 242.6  | 230.7  | 226.3  | 215.2  | 211.5  |
| 52.5°  | 291.4  | 284.0  | 274.4  | 257.4  | 242.6  | 230.7  | 218.9  | 209.3  | 202.6  | 196.7  | 192.3  |
| 55°    | 267.0  | 255.1  | 250.7  | 232.2  | 219.6  | 207.1  | 196.7  | 190.8  | 182.7  | 179.0  | 175.3  |
| 57.5°  | 239.6  | 232.9  | 225.6  | 211.5  | 197.5  | 185.6  | 178.2  | 169.3  | 164.9  | 160.5  | 157.5  |
| 60°    | 215.9  | 206.3  | 200.4  | 188.6  | 176.0  | 164.9  | 158.3  | 151.6  | 145.7  | 142.0  | 136.1  |
| 62.5°  | 188.6  | 181.2  | 177.5  | 164.9  | 154.6  | 144.2  | 138.3  | 131.6  | 127.2  | 120.5  | 113.1  |
| 65°    | 164.9  | 159.0  | 154.6  | 144.2  | 134.6  | 125.0  | 119.1  | 110.9  | 105.0  | 101.3  | 100.6  |
| 67.5°  | 144.2  | 139.8  | 133.1  | 123.5  | 113.9  | 106.5  | 99.8   | 93.2   | 92.4   | 91.0   | 91.0   |
| 70°    | 121.3  | 116.8  | 113.1  | 102.8  | 94.7   | 86.5   | 85.0   | 82.8   | 80.6   | 79.9   | 78.4   |
| 72.5°  | 101.3  | 97.6   | 93.2   | 84.3   | 76.2   | 74.0   | 72.5   | 71.0   | 68.8   | 68.0   | 67.3   |
| 75°    | 82.1   | 76.9   | 74.0   | 65.8   | 63.6   | 62.1   | 60.6   | 58.4   | 56.9   | 56.2   | 54.7   |
| 77.5°  | 62.9   | 57.7   | 57.7   | 53.2   | 51.8   | 49.5   | 48.1   | 46.6   | 45.8   | 44.4   | 44.4   |
| 80°    | 44.4   | 44.4   | 42.9   | 40.7   | 38.5   | 37.7   | 35.5   | 34.8   | 34.0   | 34.8   | 33.3   |
| 82.5°  | 32.5   | 29.6   | 29.6   | 28.1   | 26.6   | 25.9   | 24.4   | 24.4   | 23.7   | 23.7   | 23.7   |
| 85°    | 18.5   | 18.5   | 17.7   | 16.3   | 15.5   | 15.5   | 14.8   | 14.8   | 14.1   | 14.1   | 13.3   |
| 87.5°  | 7.4    | 6.7    | 7.4    | 6.7    | 6.7    | 5.9    | 5.9    | 5.9    | 5.2    | 5.9    | 5.2    |
| 90°    | 7.5    | 8.3    | 8.9    | 10.2   | 11.4   | 12.7   | 13.9   | 14.7   | 15.5   | 16.2   | 17.0   |
| 92.5°  | 14.9   | 14.6   | 14.8   | 15.3   | 15.8   | 16.2   | 16.7   | 17.0   | 17.3   | 17.6   | 17.9   |
| 95°    | 24.8   | 22.2   | 22.7   | 23.8   | 24.9   | 26.0   | 27.1   | 27.9   | 28.7   | 29.4   | 30.2   |
| 97.5°  | 30.6   | 24.3   | 25.5   | 28.0   | 30.5   | 32.9   | 35.4   | 35.9   | 36.3   | 36.8   | 37.3   |
| 100°   | 38.4   | 27.8   | 29.1   | 31.7   | 34.4   | 37.0   | 39.6   | 40.8   | 42.1   | 43.3   | 44.6   |
| 102.5° | 167.6  | 167.4  | 153.4  | 125.3  | 97.2   | 69.1   | 41.0   | 42.7   | 44.4   | 46.1   | 47.8   |
| 105°   | 229.7  | 232.0  | 210.9  | 168.8  | 126.7  | 84.5   | 42.4   | 44.1   | 45.8   | 47.5   | 49.2   |
| 107.5° | 276.0  | 277.9  | 251.9  | 199.9  | 147.8  | 95.8   | 43.8   | 45.5   | 47.2   | 48.9   | 50.6   |
| 110°   | 320.7  | 322.3  | 300.0  | 255.4  | 210.8  | 166.2  | 121.6  | 106.2  | 90.7   | 75.3   | 59.8   |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 363.3 | 364.7  | 363.4 | 360.8 | 358.1 | 355.5 | 352.9 | 286.4 | 219.8 | 153.3 | 86.8  |
| 115°   | 409.9 | 411.2  | 413.1 | 417.0 | 420.9 | 424.7 | 428.6 | 357.1 | 285.7 | 214.2 | 142.7 |
| 117.5° | 452.8 | 454.3  | 455.6 | 458.2 | 460.9 | 463.5 | 466.1 | 444.0 | 422.0 | 399.9 | 377.8 |
| 120°   | 495.5 | 496.7  | 498.1 | 500.9 | 503.6 | 506.4 | 509.2 | 511.0 | 512.9 | 514.7 | 516.6 |
| 122.5° | 535.1 | 536.3  | 537.8 | 540.9 | 544.0 | 547.0 | 550.1 | 551.0 | 552.0 | 552.9 | 553.8 |
| 125°   | 572.8 | 573.8  | 575.3 | 578.2 | 581.1 | 584.1 | 587.0 | 588.1 | 589.1 | 590.2 | 591.3 |
| 127.5° | 609.5 | 610.6  | 611.8 | 614.1 | 616.4 | 618.7 | 621.0 | 622.5 | 624.1 | 625.6 | 627.1 |
| 130°   | 644.8 | 646.0  | 646.8 | 648.5 | 650.2 | 651.9 | 653.6 | 655.3 | 657.0 | 658.7 | 660.4 |
| 132.5° | 677.7 | 678.7  | 679.5 | 681.2 | 682.9 | 684.6 | 686.3 | 687.7 | 689.1 | 690.4 | 691.8 |
| 135°   | 708.7 | 709.9  | 710.6 | 712.0 | 713.4 | 714.8 | 716.2 | 717.7 | 719.3 | 720.8 | 722.3 |
| 137.5° | 736.8 | 737.7  | 738.5 | 740.0 | 741.5 | 743.1 | 744.6 | 746.2 | 747.7 | 749.3 | 750.8 |
| 140°   | 764.2 | 764.8  | 765.6 | 767.3 | 769.0 | 770.7 | 772.4 | 773.8 | 775.2 | 776.6 | 778.0 |
| 142.5° | 788.6 | 789.1  | 790.1 | 792.1 | 794.1 | 796.1 | 798.1 | 799.3 | 800.6 | 801.8 | 803.1 |
| 145°   | 810.0 | 809.9  | 811.2 | 813.8 | 816.5 | 819.1 | 821.7 | 822.8 | 823.9 | 825.0 | 826.1 |
| 147.5° | 831.7 | 831.5  | 832.8 | 835.4 | 838.1 | 840.7 | 843.3 | 844.1 | 844.9 | 845.6 | 846.4 |
| 150°   | 851.4 | 850.9  | 852.1 | 854.6 | 857.1 | 859.5 | 862.0 | 862.9 | 863.9 | 864.8 | 865.7 |
| 152.5° | 869.6 | 869.0  | 870.2 | 872.5 | 874.8 | 877.1 | 879.4 | 880.3 | 881.3 | 882.2 | 883.1 |
| 155°   | 887.0 | 886.3  | 887.2 | 889.1 | 891.0 | 892.8 | 894.7 | 895.6 | 896.5 | 897.4 | 898.3 |
| 157.5° | 902.2 | 901.6  | 902.3 | 903.7 | 905.1 | 906.5 | 907.9 | 909.0 | 910.0 | 911.1 | 912.2 |
| 160°   | 916.0 | 915.5  | 916.0 | 916.9 | 917.8 | 918.8 | 919.7 | 920.6 | 921.6 | 922.5 | 923.4 |
| 162.5° | 927.1 | 926.6  | 927.0 | 927.8 | 928.5 | 929.3 | 930.1 | 931.2 | 932.3 | 933.4 | 934.5 |
| 165°   | 936.9 | 936.4  | 936.6 | 937.1 | 937.5 | 938.0 | 938.4 | 939.5 | 940.6 | 941.7 | 942.8 |
| 167.5° | 944.5 | 944.0  | 944.2 | 944.7 | 945.2 | 945.6 | 946.1 | 947.2 | 948.2 | 949.3 | 950.4 |
| 170°   | 950.8 | 950.3  | 950.4 | 950.7 | 951.0 | 951.3 | 951.6 | 952.7 | 953.8 | 954.9 | 956.0 |
| 172.5° | 954.9 | 954.4  | 954.6 | 954.9 | 955.2 | 955.5 | 955.8 | 956.9 | 958.0 | 959.1 | 960.2 |
| 175°   | 957.7 | 957.2  | 957.4 | 957.7 | 958.0 | 958.3 | 958.6 | 959.7 | 960.7 | 961.8 | 962.9 |
| 177.5° | 959.1 | 958.6  | 958.7 | 958.8 | 959.0 | 959.1 | 959.3 | 960.4 | 961.4 | 962.5 | 963.6 |
| 180°   | 960.0 | 960.0  | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1018.3 | 1016.8 | 1012.4 | 1013.9 | 1011.7 | 1011.7 | 1010.2 | 1010.2 | 1010.2 | 1013.9 | 1011.7 |
| 5°     | 962.8  | 957.7  | 952.5  | 950.3  | 948.1  | 945.8  | 945.8  | 945.1  | 951.8  | 950.3  | 956.2  |
| 7.5°   | 894.1  | 892.6  | 882.2  | 882.2  | 878.5  | 877.1  | 880.8  | 881.5  | 882.2  | 883.7  | 887.4  |
| 10°    | 832.7  | 829.0  | 814.2  | 815.7  | 813.5  | 810.5  | 812.7  | 811.2  | 816.4  | 817.9  | 816.4  |
| 12.5°  | 760.2  | 753.6  | 737.3  | 729.2  | 720.3  | 713.6  | 721.8  | 715.8  | 736.6  | 742.5  | 758.7  |
| 15°    | 664.1  | 651.5  | 640.4  | 640.4  | 632.3  | 626.4  | 630.1  | 636.7  | 641.2  | 647.8  | 650.8  |
| 17.5°  | 599.7  | 594.6  | 585.7  | 580.5  | 578.3  | 576.1  | 576.1  | 579.0  | 588.7  | 587.9  | 593.8  |
| 20°    | 545.0  | 542.1  | 537.6  | 531.0  | 528.8  | 527.3  | 527.3  | 527.3  | 533.9  | 539.8  | 543.5  |
| 22.5°  | 507.3  | 505.1  | 502.1  | 493.3  | 488.8  | 487.3  | 491.0  | 493.3  | 498.4  | 502.9  | 506.6  |
| 25°    | 469.6  | 464.4  | 459.2  | 456.3  | 454.1  | 454.1  | 455.5  | 456.3  | 458.5  | 460.7  | 465.2  |
| 27.5°  | 438.5  | 434.8  | 427.4  | 419.3  | 419.3  | 417.1  | 418.6  | 420.0  | 425.2  | 432.6  | 436.3  |
| 30°    | 403.8  | 403.0  | 400.1  | 397.1  | 394.2  | 392.7  | 395.6  | 397.9  | 398.6  | 402.3  | 402.3  |
| 32.5°  | 378.6  | 373.5  | 368.3  | 365.3  | 363.8  | 363.1  | 363.8  | 366.8  | 366.8  | 371.2  | 376.4  |
| 35°    | 353.5  | 350.5  | 345.4  | 340.2  | 338.7  | 335.0  | 338.0  | 340.9  | 346.1  | 348.3  | 350.5  |
| 37.5°  | 326.1  | 322.4  | 320.2  | 318.7  | 315.8  | 316.5  | 314.3  | 318.7  | 323.2  | 322.4  | 323.9  |
| 40°    | 305.4  | 298.8  | 292.1  | 291.4  | 290.6  | 289.9  | 289.9  | 290.6  | 293.6  | 296.5  | 301.0  |
| 42.5°  | 278.8  | 276.6  | 270.7  | 264.7  | 263.3  | 261.8  | 260.3  | 263.3  | 269.2  | 274.4  | 276.6  |
| 45°    | 251.4  | 248.5  | 247.0  | 242.6  | 239.6  | 238.9  | 237.4  | 241.1  | 246.3  | 248.5  | 250.0  |
| 47.5°  | 226.3  | 225.6  | 221.1  | 221.9  | 219.6  | 220.4  | 219.6  | 221.9  | 221.9  | 224.1  | 225.6  |
| 50°    | 209.3  | 207.1  | 204.8  | 203.4  | 201.1  | 201.1  | 200.4  | 201.1  | 204.1  | 207.1  | 206.3  |
| 52.5°  | 192.3  | 188.6  | 187.8  | 187.1  | 185.6  | 187.1  | 184.9  | 185.6  | 188.6  | 190.1  | 189.3  |
| 55°    | 172.3  | 171.6  | 170.1  | 168.6  | 167.9  | 167.1  | 167.1  | 167.1  | 170.1  | 172.3  | 173.0  |
| 57.5°  | 156.8  | 153.1  | 150.1  | 150.1  | 147.2  | 146.4  | 147.9  | 148.6  | 150.9  | 152.3  | 153.8  |
| 60°    | 135.3  | 133.9  | 129.4  | 127.2  | 122.8  | 122.0  | 122.0  | 125.0  | 128.7  | 133.9  | 135.3  |
| 62.5°  | 112.4  | 110.2  | 109.4  | 109.4  | 109.4  | 109.4  | 109.4  | 109.4  | 109.4  | 110.2  | 110.2  |
| 65°    | 99.8   | 100.6  | 99.8   | 99.1   | 99.8   | 99.8   | 99.1   | 99.1   | 99.1   | 99.8   | 100.6  |
| 67.5°  | 89.5   | 88.7   | 89.5   | 88.7   | 88.0   | 88.0   | 87.3   | 88.0   | 88.7   | 89.5   | 89.5   |
| 70°    | 77.6   | 77.6   | 76.9   | 77.6   | 76.9   | 76.2   | 75.4   | 75.4   | 76.9   | 77.6   | 77.6   |
| 72.5°  | 66.6   | 66.6   | 65.8   | 65.8   | 64.3   | 64.3   | 65.1   | 64.3   | 64.3   | 66.6   | 66.6   |
| 75°    | 55.5   | 54.7   | 54.0   | 54.0   | 53.2   | 53.2   | 53.2   | 52.5   | 54.0   | 54.0   | 54.7   |
| 77.5°  | 43.6   | 43.6   | 43.6   | 42.9   | 42.9   | 42.2   | 42.2   | 42.9   | 42.9   | 42.9   | 43.6   |
| 80°    | 33.3   | 33.3   | 33.3   | 32.5   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 32.5   | 31.8   |
| 82.5°  | 22.9   | 22.9   | 22.9   | 22.9   | 22.9   | 22.2   | 22.2   | 22.2   | 22.9   | 22.9   | 22.2   |
| 85°    | 14.1   | 13.3   | 14.1   | 14.1   | 13.3   | 14.1   | 13.3   | 13.3   | 12.6   | 12.6   | 13.3   |
| 87.5°  | 5.9    | 5.2    | 4.4    | 4.4    | 5.2    | 4.4    | 4.4    | 4.4    | 5.2    | 4.4    | 4.4    |
| 90°    | 17.4   | 17.6   | 17.9   | 18.2   | 18.5   | 18.8   | 18.5   | 18.2   | 17.9   | 17.6   | 17.4   |
| 92.5°  | 18.1   | 18.2   | 18.3   | 18.5   | 18.6   | 18.8   | 18.6   | 18.5   | 18.3   | 18.2   | 18.1   |
| 95°    | 30.6   | 30.5   | 30.4   | 30.2   | 30.1   | 29.9   | 30.1   | 30.2   | 30.4   | 30.5   | 30.6   |
| 97.5°  | 37.5   | 37.6   | 37.7   | 37.9   | 38.0   | 38.2   | 38.0   | 37.9   | 37.7   | 37.6   | 37.5   |
| 100°   | 45.2   | 45.3   | 45.6   | 45.9   | 46.2   | 46.5   | 46.2   | 45.9   | 45.6   | 45.3   | 45.2   |
| 102.5° | 48.6   | 48.8   | 49.3   | 49.8   | 50.2   | 50.7   | 50.2   | 49.8   | 49.3   | 48.8   | 48.6   |
| 105°   | 50.0   | 50.3   | 50.9   | 51.6   | 52.2   | 52.8   | 52.2   | 51.6   | 50.9   | 50.3   | 50.0   |
| 107.5° | 51.4   | 51.7   | 52.3   | 53.0   | 53.6   | 54.2   | 53.6   | 53.0   | 52.3   | 51.7   | 51.4   |
| 110°   | 52.1   | 52.4   | 53.0   | 53.7   | 54.3   | 54.9   | 54.3   | 53.7   | 53.0   | 52.4   | 52.1   |



TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 53.5   | 53.7  | 54.2  | 54.7  | 55.1  | 55.6  | 55.1  | 54.7  | 54.2  | 53.7  | 53.5   |
| 115°   | 107.0  | 101.4 | 90.3  | 79.2  | 68.1  | 57.0  | 68.1  | 79.2  | 90.3  | 101.4 | 107.0  |
| 117.5° | 366.8  | 346.6 | 306.1 | 265.7 | 225.2 | 184.8 | 225.2 | 265.7 | 306.1 | 346.6 | 366.8  |
| 120°   | 517.5  | 507.1 | 486.2 | 465.4 | 444.5 | 423.7 | 444.5 | 465.4 | 486.2 | 507.1 | 517.5  |
| 122.5° | 554.3  | 554.4 | 554.5 | 554.7 | 554.8 | 555.0 | 554.8 | 554.7 | 554.5 | 554.4 | 554.3  |
| 125°   | 591.8  | 592.0 | 592.5 | 593.0 | 593.4 | 593.9 | 593.4 | 593.0 | 592.5 | 592.0 | 591.8  |
| 127.5° | 627.9  | 628.0 | 628.1 | 628.3 | 628.4 | 628.6 | 628.4 | 628.3 | 628.1 | 628.0 | 627.9  |
| 130°   | 661.3  | 661.2 | 661.1 | 660.9 | 660.8 | 660.6 | 660.8 | 660.9 | 661.1 | 661.2 | 661.3  |
| 132.5° | 692.5  | 692.4 | 692.3 | 692.1 | 692.0 | 691.8 | 692.0 | 692.1 | 692.3 | 692.4 | 692.5  |
| 135°   | 723.1  | 722.9 | 722.6 | 722.3 | 722.0 | 721.7 | 722.0 | 722.3 | 722.6 | 722.9 | 723.1  |
| 137.5° | 751.6  | 751.4 | 750.9 | 750.4 | 750.0 | 749.5 | 750.0 | 750.4 | 750.9 | 751.4 | 751.6  |
| 140°   | 778.7  | 778.3 | 777.5 | 776.8 | 776.0 | 775.2 | 776.0 | 776.8 | 777.5 | 778.3 | 778.7  |
| 142.5° | 803.7  | 803.3 | 802.5 | 801.8 | 801.0 | 800.2 | 801.0 | 801.8 | 802.5 | 803.3 | 803.7  |
| 145°   | 826.6  | 826.2 | 825.4 | 824.7 | 823.9 | 823.1 | 823.9 | 824.7 | 825.4 | 826.2 | 826.6  |
| 147.5° | 846.8  | 846.5 | 845.9 | 845.2 | 844.6 | 844.0 | 844.6 | 845.2 | 845.9 | 846.5 | 846.8  |
| 150°   | 866.2  | 865.8 | 865.0 | 864.3 | 863.5 | 862.7 | 863.5 | 864.3 | 865.0 | 865.8 | 866.2  |
| 152.5° | 883.6  | 883.1 | 882.0 | 880.9 | 879.8 | 878.7 | 879.8 | 880.9 | 882.0 | 883.1 | 883.6  |
| 155°   | 898.8  | 898.2 | 897.0 | 895.7 | 894.5 | 893.3 | 894.5 | 895.7 | 897.0 | 898.2 | 898.8  |
| 157.5° | 912.7  | 912.1 | 910.9 | 909.6 | 908.4 | 907.2 | 908.4 | 909.6 | 910.9 | 912.1 | 912.7  |
| 160°   | 923.9  | 923.4 | 922.3 | 921.2 | 920.1 | 919.0 | 920.1 | 921.2 | 922.3 | 923.4 | 923.9  |
| 162.5° | 935.0  | 934.3 | 932.9 | 931.5 | 930.1 | 928.7 | 930.1 | 931.5 | 932.9 | 934.3 | 935.0  |
| 165°   | 943.3  | 942.8 | 941.7 | 940.6 | 939.5 | 938.4 | 939.5 | 940.6 | 941.7 | 942.8 | 943.3  |
| 167.5° | 950.9  | 950.2 | 948.8 | 947.5 | 946.1 | 944.7 | 946.1 | 947.5 | 948.8 | 950.2 | 950.9  |
| 170°   | 956.5  | 955.8 | 954.4 | 953.1 | 951.7 | 950.3 | 951.7 | 953.1 | 954.4 | 955.8 | 956.5  |
| 172.5° | 960.7  | 960.0 | 958.6 | 957.2 | 955.8 | 954.4 | 955.8 | 957.2 | 958.6 | 960.0 | 960.7  |
| 175°   | 963.4  | 962.6 | 961.1 | 959.6 | 958.0 | 956.5 | 958.0 | 959.6 | 961.1 | 962.6 | 963.4  |
| 177.5° | 964.1  | 963.4 | 962.0 | 960.7 | 959.3 | 957.9 | 959.3 | 960.7 | 962.0 | 963.4 | 964.1  |
| 180°   | 960.0  | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0  |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1013.9 | 1017.6 | 1016.1 | 1008.0 | 1016.1 | 1018.3 | 1022.7 | 1027.2 | 1030.1 | 1034.6 | 1038.3 |
| 5°     | 950.3  | 957.7  | 962.1  | 957.7  | 972.5  | 974.7  | 985.0  | 990.9  | 999.8  | 1007.2 | 1013.1 |
| 7.5°   | 890.4  | 896.3  | 905.2  | 906.6  | 915.5  | 925.9  | 940.7  | 955.5  | 969.5  | 976.9  | 983.6  |
| 10°    | 826.0  | 836.4  | 849.7  | 846.7  | 860.1  | 876.3  | 891.9  | 915.5  | 927.3  | 940.7  | 952.5  |
| 12.5°  | 761.7  | 768.4  | 786.1  | 792.0  | 811.2  | 823.8  | 845.3  | 860.1  | 889.6  | 905.2  | 915.5  |
| 15°    | 649.3  | 676.7  | 698.8  | 725.5  | 750.6  | 774.3  | 793.5  | 820.1  | 846.0  | 857.8  | 874.8  |
| 17.5°  | 598.3  | 610.8  | 624.1  | 637.5  | 670.0  | 712.2  | 746.2  | 775.0  | 797.2  | 812.7  | 832.7  |
| 20°    | 545.0  | 557.6  | 572.4  | 585.0  | 604.9  | 635.2  | 677.4  | 726.9  | 753.6  | 769.8  | 789.1  |
| 22.5°  | 507.3  | 519.1  | 528.8  | 539.8  | 555.4  | 577.6  | 609.4  | 670.7  | 706.2  | 726.2  | 743.2  |
| 25°    | 466.6  | 481.4  | 491.8  | 499.9  | 512.5  | 536.9  | 562.8  | 597.5  | 661.1  | 676.7  | 700.3  |
| 27.5°  | 438.5  | 443.0  | 454.8  | 467.4  | 479.9  | 493.3  | 519.9  | 549.5  | 592.4  | 626.4  | 655.2  |
| 30°    | 405.3  | 416.3  | 427.4  | 432.6  | 443.7  | 462.9  | 479.2  | 511.0  | 544.3  | 570.9  | 605.7  |
| 32.5°  | 380.1  | 386.8  | 394.2  | 406.7  | 417.1  | 430.4  | 446.7  | 473.3  | 501.4  | 518.4  | 545.0  |
| 35°    | 352.0  | 356.4  | 372.0  | 377.2  | 387.5  | 400.8  | 417.1  | 437.8  | 468.1  | 481.4  | 500.7  |
| 37.5°  | 325.4  | 335.7  | 340.2  | 352.0  | 361.6  | 374.9  | 386.8  | 410.4  | 430.4  | 445.9  | 463.7  |
| 40°    | 304.7  | 309.1  | 317.3  | 327.6  | 335.7  | 346.1  | 360.9  | 377.9  | 399.3  | 411.9  | 427.4  |
| 42.5°  | 279.5  | 283.2  | 293.6  | 299.5  | 312.8  | 322.4  | 331.3  | 352.0  | 371.2  | 380.8  | 396.4  |
| 45°    | 252.2  | 261.0  | 267.7  | 279.5  | 286.9  | 298.8  | 309.9  | 324.6  | 342.4  | 353.5  | 362.4  |
| 47.5°  | 228.5  | 237.4  | 244.0  | 255.1  | 267.0  | 272.1  | 284.0  | 299.5  | 315.8  | 324.6  | 337.2  |
| 50°    | 209.3  | 212.2  | 224.8  | 230.0  | 242.6  | 252.9  | 261.0  | 274.4  | 292.1  | 297.3  | 307.6  |
| 52.5°  | 190.8  | 193.0  | 201.1  | 207.8  | 218.9  | 227.8  | 238.1  | 250.7  | 265.5  | 273.6  | 281.8  |
| 55°    | 174.5  | 176.0  | 179.7  | 187.1  | 194.5  | 205.6  | 215.2  | 227.0  | 239.6  | 248.5  | 255.9  |
| 57.5°  | 156.0  | 159.0  | 162.0  | 166.4  | 173.8  | 184.1  | 194.5  | 205.6  | 215.9  | 221.9  | 231.5  |
| 60°    | 134.6  | 139.0  | 144.2  | 149.4  | 154.6  | 162.0  | 173.8  | 184.1  | 193.8  | 198.9  | 206.3  |
| 62.5°  | 111.7  | 120.5  | 125.0  | 130.9  | 135.3  | 142.0  | 150.9  | 162.7  | 169.3  | 176.0  | 181.9  |
| 65°    | 100.6  | 101.3  | 102.1  | 108.0  | 116.1  | 122.8  | 130.9  | 139.8  | 150.1  | 154.6  | 159.0  |
| 67.5°  | 89.5   | 90.2   | 91.7   | 92.4   | 95.4   | 102.8  | 111.7  | 121.3  | 129.4  | 132.4  | 136.8  |
| 70°    | 78.4   | 78.4   | 81.3   | 82.1   | 82.8   | 83.6   | 91.0   | 100.6  | 108.0  | 111.7  | 116.8  |
| 72.5°  | 66.6   | 67.3   | 68.8   | 69.5   | 71.0   | 72.5   | 74.7   | 79.9   | 88.7   | 92.4   | 98.4   |
| 75°    | 54.7   | 55.5   | 56.2   | 56.9   | 59.2   | 59.9   | 62.1   | 65.1   | 68.8   | 73.2   | 76.9   |
| 77.5°  | 43.6   | 43.6   | 44.4   | 45.8   | 47.3   | 48.1   | 50.3   | 51.8   | 53.2   | 55.5   | 58.4   |
| 80°    | 32.5   | 33.3   | 33.3   | 34.8   | 34.8   | 35.5   | 36.2   | 38.5   | 39.9   | 41.4   | 42.9   |
| 82.5°  | 22.2   | 23.7   | 23.7   | 23.7   | 24.4   | 25.1   | 25.9   | 25.9   | 27.4   | 28.1   | 30.3   |
| 85°    | 13.3   | 14.1   | 14.1   | 14.1   | 13.3   | 14.8   | 14.8   | 15.5   | 15.5   | 15.5   | 16.3   |
| 87.5°  | 5.2    | 4.4    | 5.2    | 5.2    | 5.2    | 5.9    | 5.2    | 5.2    | 5.9    | 6.7    | 6.7    |
| 90°    | 17.0   | 16.2   | 15.5   | 14.7   | 13.9   | 12.7   | 11.4   | 10.2   | 8.9    | 8.3    | 7.5    |
| 92.5°  | 17.9   | 17.6   | 17.3   | 17.0   | 16.7   | 16.2   | 15.8   | 15.3   | 14.8   | 14.6   | 14.9   |
| 95°    | 30.2   | 29.4   | 28.7   | 27.9   | 27.1   | 26.0   | 24.9   | 23.8   | 22.7   | 22.2   | 24.8   |
| 97.5°  | 37.3   | 36.8   | 36.3   | 35.9   | 35.4   | 32.9   | 30.5   | 28.0   | 25.5   | 24.3   | 30.6   |
| 100°   | 44.6   | 43.3   | 42.1   | 40.8   | 39.6   | 37.0   | 34.4   | 31.7   | 29.1   | 27.8   | 38.4   |
| 102.5° | 47.8   | 46.1   | 44.4   | 42.7   | 41.0   | 69.1   | 97.2   | 125.3  | 153.4  | 167.4  | 167.6  |
| 105°   | 49.2   | 47.5   | 45.8   | 44.1   | 42.4   | 84.5   | 126.7  | 168.8  | 210.9  | 232.0  | 229.7  |
| 107.5° | 50.6   | 48.9   | 47.2   | 45.5   | 43.8   | 95.8   | 147.8  | 199.9  | 251.9  | 277.9  | 276.0  |
| 110°   | 59.8   | 75.3   | 90.7   | 106.2  | 121.6  | 166.2  | 210.8  | 255.4  | 300.0  | 322.3  | 320.7  |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 86.8  | 153.3 | 219.8 | 286.4 | 352.9 | 355.5 | 358.1 | 360.8 | 363.4 | 364.7  | 363.3 |
| 115°   | 142.7 | 214.2 | 285.7 | 357.1 | 428.6 | 424.7 | 420.9 | 417.0 | 413.1 | 411.2  | 409.9 |
| 117.5° | 377.8 | 399.9 | 422.0 | 444.0 | 466.1 | 463.5 | 460.9 | 458.2 | 455.6 | 454.3  | 452.8 |
| 120°   | 516.6 | 514.7 | 512.9 | 511.0 | 509.2 | 506.4 | 503.6 | 500.9 | 498.1 | 496.7  | 495.5 |
| 122.5° | 553.8 | 552.9 | 552.0 | 551.0 | 550.1 | 547.0 | 544.0 | 540.9 | 537.8 | 536.3  | 535.1 |
| 125°   | 591.3 | 590.2 | 589.1 | 588.1 | 587.0 | 584.1 | 581.1 | 578.2 | 575.3 | 573.8  | 572.8 |
| 127.5° | 627.1 | 625.6 | 624.1 | 622.5 | 621.0 | 618.7 | 616.4 | 614.1 | 611.8 | 610.6  | 609.5 |
| 130°   | 660.4 | 658.7 | 657.0 | 655.3 | 653.6 | 651.9 | 650.2 | 648.5 | 646.8 | 646.0  | 644.8 |
| 132.5° | 691.8 | 690.4 | 689.1 | 687.7 | 686.3 | 684.6 | 682.9 | 681.2 | 679.5 | 678.7  | 677.7 |
| 135°   | 722.3 | 720.8 | 719.3 | 717.7 | 716.2 | 714.8 | 713.4 | 712.0 | 710.6 | 709.9  | 708.7 |
| 137.5° | 750.8 | 749.3 | 747.7 | 746.2 | 744.6 | 743.1 | 741.5 | 740.0 | 738.5 | 737.7  | 736.8 |
| 140°   | 778.0 | 776.6 | 775.2 | 773.8 | 772.4 | 770.7 | 769.0 | 767.3 | 765.6 | 764.8  | 764.2 |
| 142.5° | 803.1 | 801.8 | 800.6 | 799.3 | 798.1 | 796.1 | 794.1 | 792.1 | 790.1 | 789.1  | 788.6 |
| 145°   | 826.1 | 825.0 | 823.9 | 822.8 | 821.7 | 819.1 | 816.5 | 813.8 | 811.2 | 809.9  | 810.0 |
| 147.5° | 846.4 | 845.6 | 844.9 | 844.1 | 843.3 | 840.7 | 838.1 | 835.4 | 832.8 | 831.5  | 831.7 |
| 150°   | 865.7 | 864.8 | 863.9 | 862.9 | 862.0 | 859.5 | 857.1 | 854.6 | 852.1 | 850.9  | 851.4 |
| 152.5° | 883.1 | 882.2 | 881.3 | 880.3 | 879.4 | 877.1 | 874.8 | 872.5 | 870.2 | 869.0  | 869.6 |
| 155°   | 898.3 | 897.4 | 896.5 | 895.6 | 894.7 | 892.8 | 891.0 | 889.1 | 887.2 | 886.3  | 887.0 |
| 157.5° | 912.2 | 911.1 | 910.0 | 909.0 | 907.9 | 906.5 | 905.1 | 903.7 | 902.3 | 901.6  | 902.2 |
| 160°   | 923.4 | 922.5 | 921.6 | 920.6 | 919.7 | 918.8 | 917.8 | 916.9 | 916.0 | 915.5  | 916.0 |
| 162.5° | 934.5 | 933.4 | 932.3 | 931.2 | 930.1 | 929.3 | 928.5 | 927.8 | 927.0 | 926.6  | 927.1 |
| 165°   | 942.8 | 941.7 | 940.6 | 939.5 | 938.4 | 938.0 | 937.5 | 937.1 | 936.6 | 936.4  | 936.9 |
| 167.5° | 950.4 | 949.3 | 948.2 | 947.2 | 946.1 | 945.6 | 945.2 | 944.7 | 944.2 | 944.0  | 944.5 |
| 170°   | 956.0 | 954.9 | 953.8 | 952.7 | 951.6 | 951.3 | 951.0 | 950.7 | 950.4 | 950.3  | 950.8 |
| 172.5° | 960.2 | 959.1 | 958.0 | 956.9 | 955.8 | 955.5 | 955.2 | 954.9 | 954.6 | 954.4  | 954.9 |
| 175°   | 962.9 | 961.8 | 960.7 | 959.7 | 958.6 | 958.3 | 958.0 | 957.7 | 957.4 | 957.2  | 957.7 |
| 177.5° | 963.6 | 962.5 | 961.4 | 960.4 | 959.3 | 959.1 | 959.0 | 958.8 | 958.7 | 958.6  | 959.1 |
| 180°   | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0 | 960.0  | 960.0 |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1064.2 | 1064.2 | 1064.2 | 1064.2 |
| 2.5°   | 1044.9 | 1042.7 | 1056.0 | 1070.8 |
| 5°     | 1023.5 | 1027.2 | 1044.2 | 1064.9 |
| 7.5°   | 1001.3 | 1009.4 | 1029.4 | 1056.8 |
| 10°    | 970.2  | 985.0  | 1015.4 | 1043.5 |
| 12.5°  | 939.9  | 959.9  | 988.7  | 1022.0 |
| 15°    | 905.9  | 928.1  | 963.6  | 1003.5 |
| 17.5°  | 868.2  | 893.3  | 934.7  | 978.4  |
| 20°    | 828.3  | 861.5  | 905.2  | 952.5  |
| 22.5°  | 783.9  | 823.8  | 868.9  | 921.4  |
| 25°    | 741.0  | 784.6  | 829.7  | 890.4  |
| 27.5°  | 698.8  | 741.7  | 792.0  | 853.4  |
| 30°    | 656.7  | 695.9  | 749.9  | 815.7  |
| 32.5°  | 611.6  | 652.3  | 709.2  | 776.5  |
| 35°    | 570.2  | 610.8  | 664.1  | 730.6  |
| 37.5°  | 525.8  | 569.4  | 620.5  | 689.2  |
| 40°    | 474.0  | 525.1  | 574.6  | 640.4  |
| 42.5°  | 431.1  | 485.1  | 533.2  | 595.3  |
| 45°    | 397.1  | 448.1  | 488.1  | 548.7  |
| 47.5°  | 365.3  | 406.7  | 447.4  | 503.6  |
| 50°    | 335.0  | 366.8  | 409.0  | 459.2  |
| 52.5°  | 303.9  | 331.3  | 367.5  | 414.9  |
| 55°    | 275.8  | 301.7  | 334.3  | 370.5  |
| 57.5°  | 250.0  | 268.4  | 301.0  | 333.5  |
| 60°    | 221.1  | 240.3  | 265.5  | 292.8  |
| 62.5°  | 196.7  | 211.5  | 235.2  | 258.1  |
| 65°    | 170.8  | 184.9  | 202.6  | 224.1  |
| 67.5°  | 147.2  | 159.7  | 173.8  | 190.8  |
| 70°    | 125.7  | 135.3  | 145.7  | 160.5  |
| 72.5°  | 102.8  | 113.1  | 122.8  | 134.6  |
| 75°    | 84.3   | 88.7   | 96.9   | 105.0  |
| 77.5°  | 65.1   | 71.0   | 75.4   | 82.1   |
| 80°    | 46.6   | 51.8   | 53.2   | 58.4   |
| 82.5°  | 31.1   | 34.0   | 37.0   | 38.5   |
| 85°    | 17.7   | 19.2   | 22.2   | 22.9   |
| 87.5°  | 6.7    | 7.4    | 8.9    | 10.4   |
| 90°    | 5.8    | 4.1    | 2.4    | 0.7    |
| 92.5°  | 15.5   | 16.2   | 16.8   | 17.4   |
| 95°    | 29.9   | 35.0   | 40.1   | 45.2   |
| 97.5°  | 43.3   | 56.0   | 68.6   | 81.3   |
| 100°   | 59.5   | 80.6   | 101.8  | 122.9  |
| 102.5° | 167.9  | 168.2  | 168.5  | 168.8  |
| 105°   | 225.1  | 220.4  | 215.8  | 211.2  |
| 107.5° | 272.1  | 268.2  | 264.4  | 260.5  |
| 110°   | 317.4  | 314.2  | 310.9  | 307.7  |

TEST NUMBER: P1010056

CATALOG NUMBER: S122RDIP-B485D725UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 360.5 | 357.8 | 355.0 | 352.2 |
| 115°   | 407.3 | 404.6 | 402.0 | 399.4 |
| 117.5° | 449.7 | 446.6 | 443.5 | 440.4 |
| 120°   | 493.2 | 490.9 | 488.5 | 486.2 |
| 122.5° | 532.6 | 530.1 | 527.6 | 525.1 |
| 125°   | 570.8 | 568.7 | 566.7 | 564.7 |
| 127.5° | 607.4 | 605.2 | 603.1 | 600.9 |
| 130°   | 642.3 | 639.8 | 637.4 | 634.9 |
| 132.5° | 675.7 | 673.6 | 671.6 | 669.6 |
| 135°   | 706.2 | 703.7 | 701.3 | 698.8 |
| 137.5° | 734.9 | 733.1 | 731.2 | 729.4 |
| 140°   | 762.9 | 761.7 | 760.4 | 759.2 |
| 142.5° | 787.5 | 786.4 | 785.3 | 784.2 |
| 145°   | 810.1 | 810.3 | 810.4 | 810.6 |
| 147.5° | 832.2 | 832.7 | 833.1 | 833.6 |
| 150°   | 852.5 | 853.6 | 854.7 | 855.8 |
| 152.5° | 870.8 | 872.1 | 873.3 | 874.5 |
| 155°   | 888.4 | 889.8 | 891.2 | 892.6 |
| 157.5° | 903.5 | 904.7 | 906.0 | 907.2 |
| 160°   | 916.9 | 917.8 | 918.8 | 919.7 |
| 162.5° | 928.0 | 928.9 | 929.9 | 930.8 |
| 165°   | 937.8 | 938.7 | 939.6 | 940.5 |
| 167.5° | 945.4 | 946.3 | 947.3 | 948.2 |
| 170°   | 951.7 | 952.6 | 953.5 | 954.4 |
| 172.5° | 955.8 | 956.7 | 957.7 | 958.6 |
| 175°   | 958.8 | 959.9 | 961.0 | 962.1 |
| 177.5° | 960.2 | 961.3 | 962.3 | 963.4 |
| 180°   | 960.0 | 960.0 | 960.0 | 960.0 |

(END OF REPORT)