

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: P1010027

Luminaire Tested: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1010027  
REPORT IS A COMBINATION OF REPORTS P988327 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-B485D530UB40-4F0-XX-W2A-A1  
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

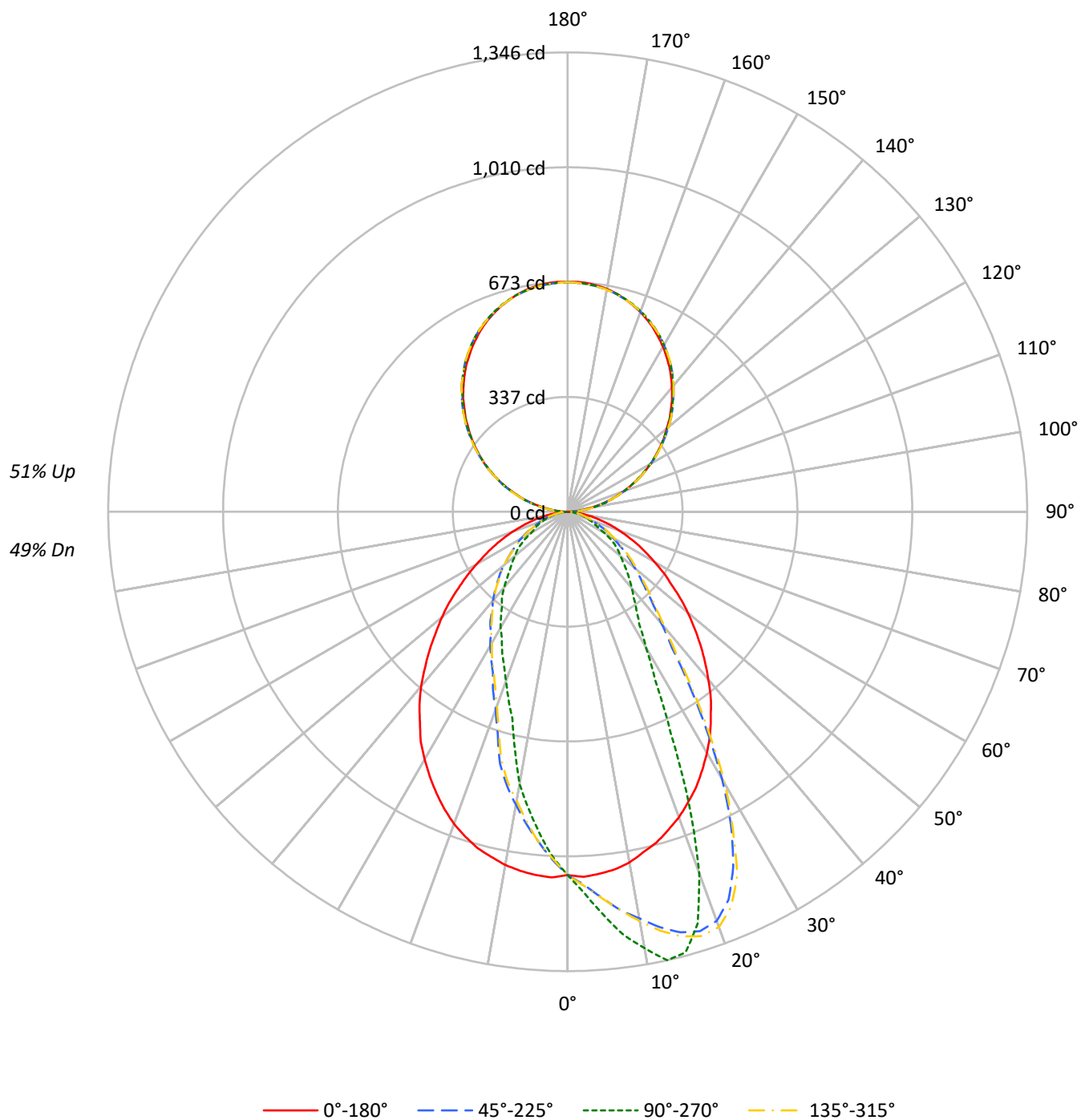
Lumens per Lamp: N/A  
Luminaire Lumens: 3723.0 lumens  
Efficiency: N/A  
Efficacy: 94.5 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 39.4  
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: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1010027

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 |
| 1   | 98  | 94  | 91  | 88  | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 50 | 49 | 48 |
| 2   | 90  | 83  | 78  | 73  | 83 | 77 | 72 | 68 | 66 | 62 | 59 | 55 | 53 | 50 | 45 | 44 | 42 |
| 3   | 83  | 74  | 67  | 62  | 76 | 69 | 63 | 58 | 59 | 54 | 51 | 49 | 46 | 44 | 41 | 39 | 37 |
| 4   | 76  | 66  | 59  | 53  | 70 | 62 | 55 | 50 | 53 | 48 | 44 | 45 | 41 | 38 | 37 | 35 | 32 |
| 5   | 70  | 59  | 52  | 46  | 65 | 55 | 49 | 44 | 48 | 43 | 39 | 41 | 37 | 34 | 34 | 31 | 29 |
| 6   | 65  | 54  | 46  | 40  | 60 | 50 | 43 | 38 | 43 | 38 | 34 | 37 | 33 | 30 | 31 | 28 | 26 |
| 7   | 60  | 49  | 41  | 36  | 56 | 46 | 39 | 34 | 40 | 34 | 30 | 34 | 30 | 27 | 29 | 26 | 23 |
| 8   | 56  | 45  | 37  | 32  | 52 | 42 | 35 | 31 | 36 | 31 | 27 | 31 | 27 | 24 | 27 | 24 | 21 |
| 9   | 53  | 41  | 34  | 29  | 49 | 38 | 32 | 28 | 34 | 28 | 25 | 29 | 25 | 22 | 25 | 22 | 20 |
| 10  | 49  | 38  | 31  | 26  | 46 | 35 | 29 | 25 | 31 | 26 | 23 | 27 | 23 | 20 | 23 | 20 | 18 |

**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

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 100.9  | 2.7       |
| 10°-20°   | 281.7  | 7.6       |
| 20°-30°   | 362.6  | 9.7       |
| 30°-40°   | 344.0  | 9.2       |
| 40°-50°   | 294.8  | 7.9       |
| 50°-60°   | 224.5  | 6.0       |
| 60°-70°   | 141.6  | 3.8       |
| 70°-80°   | 70.6   | 1.9       |
| 80°-90°   | 20.1   | 0.5       |
| 90°-100°  | 41.6   | 1.1       |
| 100°-110° | 132.4  | 3.6       |
| 110°-120° | 226.5  | 6.1       |
| 120°-130° | 297.9  | 8.0       |
| 130°-140° | 334.4  | 9.0       |
| 140°-150° | 327.9  | 8.8       |
| 150°-160° | 275.1  | 7.4       |
| 160°-170° | 182.4  | 4.9       |
| 170°-180° | 63.8   | 1.7       |
| 0°-30°    | 745.3  | 20.0      |
| 0°-40°    | 1089.3 | 29.3      |
| 0°-60°    | 1608.6 | 43.2      |
| 0°-90°    | 1840.9 | 49.4      |
| 90°-120°  | 400.5  | 10.8      |
| 90°-150°  | 1360.8 | 36.6      |
| 90°-180°  | 1882.0 | 50.6      |
| 0°-180°   | 3723.0 | 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    | 3    |
| 95°  | 30   | 35   | 30   | 35   | 30   | 33   |
| 105° | 122  | 126  | 122  | 126  | 122  | 129  |
| 115° | 227  | 227  | 227  | 227  | 227  | 225  |
| 125° | 331  | 332  | 331  | 332  | 331  | 295  |
| 135° | 428  | 433  | 428  | 433  | 428  | 331  |
| 145° | 519  | 525  | 519  | 525  | 519  | 324  |
| 155° | 594  | 598  | 594  | 598  | 594  | 273  |
| 165° | 646  | 646  | 646  | 646  | 646  | 182  |
| 175° | 672  | 670  | 672  | 670  | 672  | 64   |
| 180° | 673  | 673  | 673  | 673  | 673  |      |

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**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°    | 0.6    | 2.1    | 3.6    | 5.1    | 6.6    | 7.4    | 8.8    | 11.6   | 14.3   | 17.1   | 19.9   |
| 92.5°  | 12.5   | 13.5   | 14.5   | 15.5   | 16.5   | 17.0   | 17.1   | 17.2   | 17.3   | 17.5   | 17.6   |
| 95°    | 29.5   | 30.8   | 32.0   | 33.3   | 34.6   | 35.2   | 35.3   | 35.6   | 35.9   | 36.1   | 36.4   |
| 97.5°  | 49.4   | 50.5   | 51.7   | 52.8   | 53.9   | 54.5   | 54.8   | 55.3   | 55.8   | 56.3   | 56.8   |
| 100°   | 72.1   | 73.1   | 74.1   | 75.2   | 76.2   | 76.7   | 76.9   | 77.3   | 77.6   | 78.0   | 78.4   |
| 102.5° | 96.0   | 96.8   | 97.5   | 98.3   | 99.0   | 99.4   | 99.7   | 100.2  | 100.7  | 101.2  | 101.7  |
| 105°   | 122.1  | 122.5  | 122.9  | 123.2  | 123.6  | 123.8  | 123.9  | 124.2  | 124.5  | 124.7  | 125.0  |
| 107.5° | 148.3  | 148.8  | 149.3  | 149.8  | 150.3  | 150.5  | 150.5  | 150.5  | 150.5  | 150.5  | 150.5  |
| 110°   | 173.3  | 174.1  | 174.8  | 175.6  | 176.3  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.5 | 201.3 | 202.0 | 202.8 | 203.5 | 203.9 | 203.8 | 203.7 | 203.6 | 203.5 | 203.4 |
| 115°   | 227.2 | 228.0 | 228.7 | 229.5 | 230.2 | 230.6 | 230.5 | 230.2 | 230.0 | 229.7 | 229.5 |
| 117.5° | 253.9 | 254.9 | 255.9 | 257.0 | 258.0 | 258.5 | 258.2 | 257.5 | 256.9 | 256.2 | 255.6 |
| 120°   | 280.6 | 281.6 | 282.6 | 283.7 | 284.7 | 285.2 | 284.7 | 283.7 | 282.6 | 281.6 | 280.6 |
| 122.5° | 305.1 | 306.3 | 307.6 | 308.8 | 310.1 | 310.7 | 310.4 | 309.8 | 309.1 | 308.5 | 307.9 |
| 125°   | 330.6 | 331.7 | 332.9 | 334.0 | 335.1 | 335.7 | 335.5 | 335.1 | 334.8 | 334.4 | 334.0 |
| 127.5° | 355.6 | 357.0 | 358.4 | 359.8 | 361.2 | 361.9 | 361.6 | 361.1 | 360.6 | 360.1 | 359.6 |
| 130°   | 378.9 | 380.5 | 382.2 | 383.8 | 385.5 | 386.3 | 386.2 | 385.9 | 385.7 | 385.4 | 385.2 |
| 132.5° | 405.0 | 406.3 | 407.5 | 408.8 | 410.1 | 410.7 | 410.8 | 410.9 | 411.0 | 411.2 | 411.3 |
| 135°   | 427.8 | 429.2 | 430.6 | 431.9 | 433.3 | 434.0 | 434.1 | 434.4 | 434.7 | 434.9 | 435.2 |
| 137.5° | 452.8 | 453.9 | 455.1 | 456.2 | 457.3 | 457.9 | 458.0 | 458.3 | 458.5 | 458.8 | 459.0 |
| 140°   | 474.9 | 476.0 | 477.2 | 478.3 | 479.4 | 480.0 | 480.3 | 481.0 | 481.6 | 482.3 | 482.9 |
| 142.5° | 497.6 | 498.8 | 499.9 | 501.1 | 502.2 | 502.8 | 503.0 | 503.4 | 503.7 | 504.1 | 504.5 |
| 145°   | 519.2 | 520.1 | 521.0 | 521.9 | 522.8 | 523.2 | 523.6 | 524.3 | 525.1 | 525.8 | 526.6 |
| 147.5° | 538.5 | 539.7 | 540.8 | 542.0 | 543.1 | 543.7 | 543.9 | 544.4 | 544.9 | 545.4 | 545.9 |
| 150°   | 558.4 | 559.2 | 559.9 | 560.7 | 561.4 | 561.8 | 562.1 | 562.6 | 563.1 | 563.6 | 564.1 |
| 152.5° | 576.0 | 576.8 | 577.5 | 578.3 | 579.0 | 579.4 | 579.7 | 580.4 | 581.0 | 581.7 | 582.3 |
| 155°   | 593.6 | 594.0 | 594.4 | 594.8 | 595.2 | 595.4 | 595.6 | 596.0 | 596.3 | 596.7 | 597.1 |
| 157.5° | 609.0 | 609.2 | 609.5 | 609.7 | 610.0 | 610.1 | 610.2 | 610.5 | 610.8 | 611.0 | 611.3 |
| 160°   | 622.6 | 622.9 | 623.1 | 623.4 | 623.7 | 623.8 | 623.9 | 624.0 | 624.1 | 624.2 | 624.3 |
| 162.5° | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.2 | 635.3 | 635.4 | 635.6 | 635.7 |
| 165°   | 645.9 | 645.8 | 645.6 | 645.5 | 645.4 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 |
| 167.5° | 655.6 | 655.2 | 654.8 | 654.5 | 654.1 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 |
| 170°   | 663.0 | 662.6 | 662.2 | 661.9 | 661.5 | 661.3 | 661.2 | 661.1 | 661.0 | 660.8 | 660.7 |
| 172.5° | 668.1 | 667.7 | 667.3 | 667.0 | 666.6 | 666.4 | 666.3 | 666.2 | 666.1 | 665.9 | 665.8 |
| 175°   | 672.0 | 671.6 | 671.2 | 670.9 | 670.5 | 670.3 | 670.2 | 669.9 | 669.7 | 669.4 | 669.2 |
| 177.5° | 674.3 | 673.9 | 673.5 | 673.2 | 672.8 | 672.6 | 672.5 | 672.2 | 672.0 | 671.7 | 671.5 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

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**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°    | 19.6   | 19.4   | 19.1   | 18.8   | 18.7   | 18.8   | 18.9   | 19.0   | 19.2   | 19.3   | 19.2   |
| 92.5°  | 17.7   | 17.9   | 18.0   | 18.1   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   |
| 95°    | 36.4   | 36.4   | 36.4   | 36.4   | 36.4   | 36.3   | 36.0   | 35.7   | 35.5   | 35.2   | 35.5   |
| 97.5°  | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   |
| 100°   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.3   | 78.2   | 78.1   | 77.9   | 77.8   | 77.9   |
| 102.5° | 101.8  | 102.0  | 102.1  | 102.2  | 102.3  | 102.2  | 102.1  | 102.0  | 101.8  | 101.7  | 101.8  |
| 105°   | 125.2  | 125.5  | 125.7  | 126.0  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  |
| 107.5° | 150.6  | 150.8  | 150.9  | 151.0  | 151.1  | 150.8  | 150.2  | 149.5  | 148.9  | 148.3  | 148.9  |
| 110°   | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.5  | 176.1  | 175.8  | 175.4  | 175.0  | 175.4  |



TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.0 | 202.6 | 202.3 | 201.9 | 201.7 | 201.6 | 201.3 | 201.0 | 200.8 | 200.5 | 200.8 |
| 115°   | 229.4 | 229.2 | 229.1 | 229.0 | 228.9 | 228.7 | 228.3 | 228.0 | 227.6 | 227.2 | 227.6 |
| 117.5° | 255.2 | 254.8 | 254.5 | 254.1 | 253.9 | 253.7 | 253.3 | 253.0 | 252.6 | 252.2 | 252.6 |
| 120°   | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 | 280.4 | 280.0 | 279.7 | 279.3 | 278.9 | 279.3 |
| 122.5° | 307.5 | 307.1 | 306.8 | 306.4 | 306.2 | 306.1 | 305.8 | 305.6 | 305.3 | 305.1 | 305.3 |
| 125°   | 333.6 | 333.2 | 332.9 | 332.5 | 332.3 | 332.2 | 332.1 | 332.0 | 331.9 | 331.8 | 331.9 |
| 127.5° | 359.1 | 358.6 | 358.1 | 357.6 | 357.3 | 357.1 | 356.7 | 356.4 | 356.0 | 355.6 | 356.0 |
| 130°   | 384.9 | 384.7 | 384.4 | 384.1 | 384.0 | 383.8 | 383.3 | 382.8 | 382.3 | 381.8 | 382.3 |
| 132.5° | 410.7 | 410.1 | 409.4 | 408.8 | 408.5 | 408.3 | 407.9 | 407.5 | 407.1 | 406.7 | 407.1 |
| 135°   | 435.1 | 434.9 | 434.8 | 434.7 | 434.6 | 434.4 | 434.0 | 433.7 | 433.3 | 432.9 | 433.3 |
| 137.5° | 458.9 | 458.7 | 458.6 | 458.5 | 458.4 | 458.2 | 457.7 | 457.2 | 456.7 | 456.2 | 456.7 |
| 140°   | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 | 482.6 | 482.1 | 481.6 | 481.1 | 480.6 | 481.1 |
| 142.5° | 504.6 | 504.7 | 504.8 | 504.9 | 505.0 | 504.8 | 504.3 | 503.8 | 503.3 | 502.8 | 503.3 |
| 145°   | 526.7 | 526.9 | 527.0 | 527.1 | 527.2 | 526.9 | 526.4 | 525.9 | 525.4 | 524.9 | 525.4 |
| 147.5° | 546.2 | 546.4 | 546.7 | 547.0 | 547.1 | 546.8 | 546.3 | 545.8 | 545.3 | 544.8 | 545.3 |
| 150°   | 564.5 | 564.9 | 565.2 | 565.6 | 565.8 | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 564.5 |
| 152.5° | 582.8 | 583.3 | 583.8 | 584.3 | 584.6 | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 582.8 |
| 155°   | 597.7 | 598.3 | 599.0 | 599.6 | 599.9 | 599.7 | 599.3 | 599.0 | 598.6 | 598.2 | 598.6 |
| 157.5° | 612.2 | 613.0 | 613.9 | 614.8 | 615.2 | 614.9 | 614.3 | 613.6 | 613.0 | 612.4 | 613.0 |
| 160°   | 625.1 | 625.8 | 626.6 | 627.3 | 627.7 | 627.5 | 627.0 | 626.5 | 626.0 | 625.5 | 626.0 |
| 162.5° | 636.6 | 637.5 | 638.4 | 639.3 | 639.7 | 639.4 | 638.7 | 638.1 | 637.4 | 636.8 | 637.4 |
| 165°   | 646.2 | 647.1 | 648.0 | 648.9 | 649.3 | 649.0 | 648.4 | 647.7 | 647.1 | 646.5 | 647.1 |
| 167.5° | 654.8 | 655.6 | 656.5 | 657.4 | 657.8 | 657.5 | 656.9 | 656.2 | 655.6 | 655.0 | 655.6 |
| 170°   | 661.6 | 662.5 | 663.4 | 664.3 | 664.7 | 664.3 | 663.6 | 662.8 | 662.1 | 661.3 | 662.1 |
| 172.5° | 666.7 | 667.6 | 668.5 | 669.4 | 669.8 | 669.4 | 668.7 | 667.9 | 667.2 | 666.4 | 667.2 |
| 175°   | 670.1 | 671.0 | 671.9 | 672.8 | 673.2 | 672.8 | 672.1 | 671.3 | 670.6 | 669.8 | 670.6 |
| 177.5° | 672.3 | 673.0 | 673.8 | 674.5 | 674.9 | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 672.3 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**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°    | 19.0   | 18.9   | 18.8   | 18.7   | 18.8   | 19.1   | 19.4   | 19.6   | 19.9   | 17.1   | 14.3   |
| 92.5°  | 18.2   | 18.2   | 18.2   | 18.2   | 18.1   | 18.0   | 17.9   | 17.7   | 17.6   | 17.5   | 17.3   |
| 95°    | 35.7   | 36.0   | 36.3   | 36.4   | 36.4   | 36.4   | 36.4   | 36.4   | 36.4   | 36.1   | 35.9   |
| 97.5°  | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.3   | 55.8   |
| 100°   | 78.1   | 78.2   | 78.3   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.0   | 77.6   |
| 102.5° | 102.0  | 102.1  | 102.2  | 102.3  | 102.2  | 102.1  | 102.0  | 101.8  | 101.7  | 101.2  | 100.7  |
| 105°   | 126.1  | 126.1  | 126.1  | 126.1  | 126.0  | 125.7  | 125.5  | 125.2  | 125.0  | 124.7  | 124.5  |
| 107.5° | 149.5  | 150.2  | 150.8  | 151.1  | 151.0  | 150.9  | 150.8  | 150.6  | 150.5  | 150.5  | 150.5  |
| 110°   | 175.8  | 176.1  | 176.5  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  |

TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 201.0 | 201.3 | 201.6 | 201.7  | 201.9 | 202.3 | 202.6 | 203.0 | 203.4 | 203.5 | 203.6 |
| 115°   | 228.0 | 228.3 | 228.7 | 228.9  | 229.0 | 229.1 | 229.2 | 229.4 | 229.5 | 229.7 | 230.0 |
| 117.5° | 253.0 | 253.3 | 253.7 | 253.9  | 254.1 | 254.5 | 254.8 | 255.2 | 255.6 | 256.2 | 256.9 |
| 120°   | 279.7 | 280.0 | 280.4 | 280.6  | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 | 281.6 | 282.6 |
| 122.5° | 305.6 | 305.8 | 306.1 | 306.2  | 306.4 | 306.8 | 307.1 | 307.5 | 307.9 | 308.5 | 309.1 |
| 125°   | 332.0 | 332.1 | 332.2 | 332.3  | 332.5 | 332.9 | 333.2 | 333.6 | 334.0 | 334.4 | 334.8 |
| 127.5° | 356.4 | 356.7 | 357.1 | 357.3  | 357.6 | 358.1 | 358.6 | 359.1 | 359.6 | 360.1 | 360.6 |
| 130°   | 382.8 | 383.3 | 383.8 | 384.0  | 384.1 | 384.4 | 384.7 | 384.9 | 385.2 | 385.4 | 385.7 |
| 132.5° | 407.5 | 407.9 | 408.3 | 408.5  | 408.8 | 409.4 | 410.1 | 410.7 | 411.3 | 411.2 | 411.0 |
| 135°   | 433.7 | 434.0 | 434.4 | 434.6  | 434.7 | 434.8 | 434.9 | 435.1 | 435.2 | 434.9 | 434.7 |
| 137.5° | 457.2 | 457.7 | 458.2 | 458.4  | 458.5 | 458.6 | 458.7 | 458.9 | 459.0 | 458.8 | 458.5 |
| 140°   | 481.6 | 482.1 | 482.6 | 482.9  | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 | 482.3 | 481.6 |
| 142.5° | 503.8 | 504.3 | 504.8 | 505.0  | 504.9 | 504.8 | 504.7 | 504.6 | 504.5 | 504.1 | 503.7 |
| 145°   | 525.9 | 526.4 | 526.9 | 527.2  | 527.1 | 527.0 | 526.9 | 526.7 | 526.6 | 525.8 | 525.1 |
| 147.5° | 545.8 | 546.3 | 546.8 | 547.1  | 547.0 | 546.7 | 546.4 | 546.2 | 545.9 | 545.4 | 544.9 |
| 150°   | 564.9 | 565.2 | 565.6 | 565.8  | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 563.6 | 563.1 |
| 152.5° | 583.3 | 583.8 | 584.3 | 584.6  | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 581.7 | 581.0 |
| 155°   | 599.0 | 599.3 | 599.7 | 599.9  | 599.6 | 599.0 | 598.3 | 597.7 | 597.1 | 596.7 | 596.3 |
| 157.5° | 613.6 | 614.3 | 614.9 | 615.2  | 614.8 | 613.9 | 613.0 | 612.2 | 611.3 | 611.0 | 610.8 |
| 160°   | 626.5 | 627.0 | 627.5 | 627.7  | 627.3 | 626.6 | 625.8 | 625.1 | 624.3 | 624.2 | 624.1 |
| 162.5° | 638.1 | 638.7 | 639.4 | 639.7  | 639.3 | 638.4 | 637.5 | 636.6 | 635.7 | 635.6 | 635.4 |
| 165°   | 647.7 | 648.4 | 649.0 | 649.3  | 648.9 | 648.0 | 647.1 | 646.2 | 645.3 | 645.3 | 645.3 |
| 167.5° | 656.2 | 656.9 | 657.5 | 657.8  | 657.4 | 656.5 | 655.6 | 654.8 | 653.9 | 653.9 | 653.9 |
| 170°   | 662.8 | 663.6 | 664.3 | 664.7  | 664.3 | 663.4 | 662.5 | 661.6 | 660.7 | 660.8 | 661.0 |
| 172.5° | 667.9 | 668.7 | 669.4 | 669.8  | 669.4 | 668.5 | 667.6 | 666.7 | 665.8 | 665.9 | 666.1 |
| 175°   | 671.3 | 672.1 | 672.8 | 673.2  | 672.8 | 671.9 | 671.0 | 670.1 | 669.2 | 669.4 | 669.7 |
| 177.5° | 673.0 | 673.8 | 674.5 | 674.9  | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 671.7 | 672.0 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

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**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°    | 11.6   | 8.8    | 7.4    | 6.6    | 5.1    | 3.6    | 2.1    | 0.6    | 2.1    | 3.6    | 5.1    |
| 92.5°  | 17.2   | 17.1   | 17.0   | 16.5   | 15.5   | 14.5   | 13.5   | 12.5   | 13.5   | 14.5   | 15.5   |
| 95°    | 35.6   | 35.3   | 35.2   | 34.6   | 33.3   | 32.0   | 30.8   | 29.5   | 30.8   | 32.0   | 33.3   |
| 97.5°  | 55.3   | 54.8   | 54.5   | 53.9   | 52.8   | 51.7   | 50.5   | 49.4   | 50.5   | 51.7   | 52.8   |
| 100°   | 77.3   | 76.9   | 76.7   | 76.2   | 75.2   | 74.1   | 73.1   | 72.1   | 73.1   | 74.1   | 75.2   |
| 102.5° | 100.2  | 99.7   | 99.4   | 99.0   | 98.3   | 97.5   | 96.8   | 96.0   | 96.8   | 97.5   | 98.3   |
| 105°   | 124.2  | 123.9  | 123.8  | 123.6  | 123.2  | 122.9  | 122.5  | 122.1  | 122.5  | 122.9  | 123.2  |
| 107.5° | 150.5  | 150.5  | 150.5  | 150.3  | 149.8  | 149.3  | 148.8  | 148.3  | 148.8  | 149.3  | 149.8  |
| 110°   | 176.7  | 176.7  | 176.7  | 176.3  | 175.6  | 174.8  | 174.1  | 173.3  | 174.1  | 174.8  | 175.6  |

TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.7 | 203.8 | 203.9  | 203.5 | 202.8 | 202.0 | 201.3 | 200.5 | 201.3 | 202.0 | 202.8 |
| 115°   | 230.2 | 230.5 | 230.6  | 230.2 | 229.5 | 228.7 | 228.0 | 227.2 | 228.0 | 228.7 | 229.5 |
| 117.5° | 257.5 | 258.2 | 258.5  | 258.0 | 257.0 | 255.9 | 254.9 | 253.9 | 254.9 | 255.9 | 257.0 |
| 120°   | 283.7 | 284.7 | 285.2  | 284.7 | 283.7 | 282.6 | 281.6 | 280.6 | 281.6 | 282.6 | 283.7 |
| 122.5° | 309.8 | 310.4 | 310.7  | 310.1 | 308.8 | 307.6 | 306.3 | 305.1 | 306.3 | 307.6 | 308.8 |
| 125°   | 335.1 | 335.5 | 335.7  | 335.1 | 334.0 | 332.9 | 331.7 | 330.6 | 331.7 | 332.9 | 334.0 |
| 127.5° | 361.1 | 361.6 | 361.9  | 361.2 | 359.8 | 358.4 | 357.0 | 355.6 | 357.0 | 358.4 | 359.8 |
| 130°   | 385.9 | 386.2 | 386.3  | 385.5 | 383.8 | 382.2 | 380.5 | 378.9 | 380.5 | 382.2 | 383.8 |
| 132.5° | 410.9 | 410.8 | 410.7  | 410.1 | 408.8 | 407.5 | 406.3 | 405.0 | 406.3 | 407.5 | 408.8 |
| 135°   | 434.4 | 434.1 | 434.0  | 433.3 | 431.9 | 430.6 | 429.2 | 427.8 | 429.2 | 430.6 | 431.9 |
| 137.5° | 458.3 | 458.0 | 457.9  | 457.3 | 456.2 | 455.1 | 453.9 | 452.8 | 453.9 | 455.1 | 456.2 |
| 140°   | 481.0 | 480.3 | 480.0  | 479.4 | 478.3 | 477.2 | 476.0 | 474.9 | 476.0 | 477.2 | 478.3 |
| 142.5° | 503.4 | 503.0 | 502.8  | 502.2 | 501.1 | 499.9 | 498.8 | 497.6 | 498.8 | 499.9 | 501.1 |
| 145°   | 524.3 | 523.6 | 523.2  | 522.8 | 521.9 | 521.0 | 520.1 | 519.2 | 520.1 | 521.0 | 521.9 |
| 147.5° | 544.4 | 543.9 | 543.7  | 543.1 | 542.0 | 540.8 | 539.7 | 538.5 | 539.7 | 540.8 | 542.0 |
| 150°   | 562.6 | 562.1 | 561.8  | 561.4 | 560.7 | 559.9 | 559.2 | 558.4 | 559.2 | 559.9 | 560.7 |
| 152.5° | 580.4 | 579.7 | 579.4  | 579.0 | 578.3 | 577.5 | 576.8 | 576.0 | 576.8 | 577.5 | 578.3 |
| 155°   | 596.0 | 595.6 | 595.4  | 595.2 | 594.8 | 594.4 | 594.0 | 593.6 | 594.0 | 594.4 | 594.8 |
| 157.5° | 610.5 | 610.2 | 610.1  | 610.0 | 609.7 | 609.5 | 609.2 | 609.0 | 609.2 | 609.5 | 609.7 |
| 160°   | 624.0 | 623.9 | 623.8  | 623.7 | 623.4 | 623.1 | 622.9 | 622.6 | 622.9 | 623.1 | 623.4 |
| 162.5° | 635.3 | 635.2 | 635.1  | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 |
| 165°   | 645.3 | 645.3 | 645.3  | 645.4 | 645.5 | 645.6 | 645.8 | 645.9 | 645.8 | 645.6 | 645.5 |
| 167.5° | 653.9 | 653.9 | 653.9  | 654.1 | 654.5 | 654.8 | 655.2 | 655.6 | 655.2 | 654.8 | 654.5 |
| 170°   | 661.1 | 661.2 | 661.3  | 661.5 | 661.9 | 662.2 | 662.6 | 663.0 | 662.6 | 662.2 | 661.9 |
| 172.5° | 666.2 | 666.3 | 666.4  | 666.6 | 667.0 | 667.3 | 667.7 | 668.1 | 667.7 | 667.3 | 667.0 |
| 175°   | 669.9 | 670.2 | 670.3  | 670.5 | 670.9 | 671.2 | 671.6 | 672.0 | 671.6 | 671.2 | 670.9 |
| 177.5° | 672.2 | 672.5 | 672.6  | 672.8 | 673.2 | 673.5 | 673.9 | 674.3 | 673.9 | 673.5 | 673.2 |
| 180°   | 673.2 | 673.2 | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**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°    | 6.6    | 7.4    | 8.8    | 11.6   | 14.3   | 17.1   | 19.9   | 19.6   | 19.4   | 19.1   | 18.8   |
| 92.5°  | 16.5   | 17.0   | 17.1   | 17.2   | 17.3   | 17.5   | 17.6   | 17.7   | 17.9   | 18.0   | 18.1   |
| 95°    | 34.6   | 35.2   | 35.3   | 35.6   | 35.9   | 36.1   | 36.4   | 36.4   | 36.4   | 36.4   | 36.4   |
| 97.5°  | 53.9   | 54.5   | 54.8   | 55.3   | 55.8   | 56.3   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   |
| 100°   | 76.2   | 76.7   | 76.9   | 77.3   | 77.6   | 78.0   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   |
| 102.5° | 99.0   | 99.4   | 99.7   | 100.2  | 100.7  | 101.2  | 101.7  | 101.8  | 102.0  | 102.1  | 102.2  |
| 105°   | 123.6  | 123.8  | 123.9  | 124.2  | 124.5  | 124.7  | 125.0  | 125.2  | 125.5  | 125.7  | 126.0  |
| 107.5° | 150.3  | 150.5  | 150.5  | 150.5  | 150.5  | 150.5  | 150.5  | 150.6  | 150.8  | 150.9  | 151.0  |
| 110°   | 176.3  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  |

TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.5 | 203.9  | 203.8 | 203.7 | 203.6 | 203.5 | 203.4 | 203.0 | 202.6 | 202.3 | 201.9 |
| 115°   | 230.2 | 230.6  | 230.5 | 230.2 | 230.0 | 229.7 | 229.5 | 229.4 | 229.2 | 229.1 | 229.0 |
| 117.5° | 258.0 | 258.5  | 258.2 | 257.5 | 256.9 | 256.2 | 255.6 | 255.2 | 254.8 | 254.5 | 254.1 |
| 120°   | 284.7 | 285.2  | 284.7 | 283.7 | 282.6 | 281.6 | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 |
| 122.5° | 310.1 | 310.7  | 310.4 | 309.8 | 309.1 | 308.5 | 307.9 | 307.5 | 307.1 | 306.8 | 306.4 |
| 125°   | 335.1 | 335.7  | 335.5 | 335.1 | 334.8 | 334.4 | 334.0 | 333.6 | 333.2 | 332.9 | 332.5 |
| 127.5° | 361.2 | 361.9  | 361.6 | 361.1 | 360.6 | 360.1 | 359.6 | 359.1 | 358.6 | 358.1 | 357.6 |
| 130°   | 385.5 | 386.3  | 386.2 | 385.9 | 385.7 | 385.4 | 385.2 | 384.9 | 384.7 | 384.4 | 384.1 |
| 132.5° | 410.1 | 410.7  | 410.8 | 410.9 | 411.0 | 411.2 | 411.3 | 410.7 | 410.1 | 409.4 | 408.8 |
| 135°   | 433.3 | 434.0  | 434.1 | 434.4 | 434.7 | 434.9 | 435.2 | 435.1 | 434.9 | 434.8 | 434.7 |
| 137.5° | 457.3 | 457.9  | 458.0 | 458.3 | 458.5 | 458.8 | 459.0 | 458.9 | 458.7 | 458.6 | 458.5 |
| 140°   | 479.4 | 480.0  | 480.3 | 481.0 | 481.6 | 482.3 | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 |
| 142.5° | 502.2 | 502.8  | 503.0 | 503.4 | 503.7 | 504.1 | 504.5 | 504.6 | 504.7 | 504.8 | 504.9 |
| 145°   | 522.8 | 523.2  | 523.6 | 524.3 | 525.1 | 525.8 | 526.6 | 526.7 | 526.9 | 527.0 | 527.1 |
| 147.5° | 543.1 | 543.7  | 543.9 | 544.4 | 544.9 | 545.4 | 545.9 | 546.2 | 546.4 | 546.7 | 547.0 |
| 150°   | 561.4 | 561.8  | 562.1 | 562.6 | 563.1 | 563.6 | 564.1 | 564.5 | 564.9 | 565.2 | 565.6 |
| 152.5° | 579.0 | 579.4  | 579.7 | 580.4 | 581.0 | 581.7 | 582.3 | 582.8 | 583.3 | 583.8 | 584.3 |
| 155°   | 595.2 | 595.4  | 595.6 | 596.0 | 596.3 | 596.7 | 597.1 | 597.7 | 598.3 | 599.0 | 599.6 |
| 157.5° | 610.0 | 610.1  | 610.2 | 610.5 | 610.8 | 611.0 | 611.3 | 612.2 | 613.0 | 613.9 | 614.8 |
| 160°   | 623.7 | 623.8  | 623.9 | 624.0 | 624.1 | 624.2 | 624.3 | 625.1 | 625.8 | 626.6 | 627.3 |
| 162.5° | 635.1 | 635.1  | 635.2 | 635.3 | 635.4 | 635.6 | 635.7 | 636.6 | 637.5 | 638.4 | 639.3 |
| 165°   | 645.4 | 645.3  | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 | 646.2 | 647.1 | 648.0 | 648.9 |
| 167.5° | 654.1 | 653.9  | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 | 654.8 | 655.6 | 656.5 | 657.4 |
| 170°   | 661.5 | 661.3  | 661.2 | 661.1 | 661.0 | 660.8 | 660.7 | 661.6 | 662.5 | 663.4 | 664.3 |
| 172.5° | 666.6 | 666.4  | 666.3 | 666.2 | 666.1 | 665.9 | 665.8 | 666.7 | 667.6 | 668.5 | 669.4 |
| 175°   | 670.5 | 670.3  | 670.2 | 669.9 | 669.7 | 669.4 | 669.2 | 670.1 | 671.0 | 671.9 | 672.8 |
| 177.5° | 672.8 | 672.6  | 672.5 | 672.2 | 672.0 | 671.7 | 671.5 | 672.3 | 673.0 | 673.8 | 674.5 |
| 180°   | 673.2 | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**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°    | 18.7   | 18.8   | 18.9   | 19.0   | 19.2   | 19.3   | 19.2   | 19.0   | 18.9   | 18.8   | 18.7   |
| 92.5°  | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   | 18.2   |
| 95°    | 36.4   | 36.3   | 36.0   | 35.7   | 35.5   | 35.2   | 35.5   | 35.7   | 36.0   | 36.3   | 36.4   |
| 97.5°  | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   |
| 100°   | 78.4   | 78.3   | 78.2   | 78.1   | 77.9   | 77.8   | 77.9   | 78.1   | 78.2   | 78.3   | 78.4   |
| 102.5° | 102.3  | 102.2  | 102.1  | 102.0  | 101.8  | 101.7  | 101.8  | 102.0  | 102.1  | 102.2  | 102.3  |
| 105°   | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  |
| 107.5° | 151.1  | 150.8  | 150.2  | 149.5  | 148.9  | 148.3  | 148.9  | 149.5  | 150.2  | 150.8  | 151.1  |
| 110°   | 176.7  | 176.5  | 176.1  | 175.8  | 175.4  | 175.0  | 175.4  | 175.8  | 176.1  | 176.5  | 176.7  |



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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 201.7  | 201.6 | 201.3 | 201.0 | 200.8 | 200.5 | 200.8 | 201.0 | 201.3 | 201.6 | 201.7  |
| 115°   | 228.9  | 228.7 | 228.3 | 228.0 | 227.6 | 227.2 | 227.6 | 228.0 | 228.3 | 228.7 | 228.9  |
| 117.5° | 253.9  | 253.7 | 253.3 | 253.0 | 252.6 | 252.2 | 252.6 | 253.0 | 253.3 | 253.7 | 253.9  |
| 120°   | 280.6  | 280.4 | 280.0 | 279.7 | 279.3 | 278.9 | 279.3 | 279.7 | 280.0 | 280.4 | 280.6  |
| 122.5° | 306.2  | 306.1 | 305.8 | 305.6 | 305.3 | 305.1 | 305.3 | 305.6 | 305.8 | 306.1 | 306.2  |
| 125°   | 332.3  | 332.2 | 332.1 | 332.0 | 331.9 | 331.8 | 331.9 | 332.0 | 332.1 | 332.2 | 332.3  |
| 127.5° | 357.3  | 357.1 | 356.7 | 356.4 | 356.0 | 355.6 | 356.0 | 356.4 | 356.7 | 357.1 | 357.3  |
| 130°   | 384.0  | 383.8 | 383.3 | 382.8 | 382.3 | 381.8 | 382.3 | 382.8 | 383.3 | 383.8 | 384.0  |
| 132.5° | 408.5  | 408.3 | 407.9 | 407.5 | 407.1 | 406.7 | 407.1 | 407.5 | 407.9 | 408.3 | 408.5  |
| 135°   | 434.6  | 434.4 | 434.0 | 433.7 | 433.3 | 432.9 | 433.3 | 433.7 | 434.0 | 434.4 | 434.6  |
| 137.5° | 458.4  | 458.2 | 457.7 | 457.2 | 456.7 | 456.2 | 456.7 | 457.2 | 457.7 | 458.2 | 458.4  |
| 140°   | 482.9  | 482.6 | 482.1 | 481.6 | 481.1 | 480.6 | 481.1 | 481.6 | 482.1 | 482.6 | 482.9  |
| 142.5° | 505.0  | 504.8 | 504.3 | 503.8 | 503.3 | 502.8 | 503.3 | 503.8 | 504.3 | 504.8 | 505.0  |
| 145°   | 527.2  | 526.9 | 526.4 | 525.9 | 525.4 | 524.9 | 525.4 | 525.9 | 526.4 | 526.9 | 527.2  |
| 147.5° | 547.1  | 546.8 | 546.3 | 545.8 | 545.3 | 544.8 | 545.3 | 545.8 | 546.3 | 546.8 | 547.1  |
| 150°   | 565.8  | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 564.5 | 564.9 | 565.2 | 565.6 | 565.8  |
| 152.5° | 584.6  | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 582.8 | 583.3 | 583.8 | 584.3 | 584.6  |
| 155°   | 599.9  | 599.7 | 599.3 | 599.0 | 598.6 | 598.2 | 598.6 | 599.0 | 599.3 | 599.7 | 599.9  |
| 157.5° | 615.2  | 614.9 | 614.3 | 613.6 | 613.0 | 612.4 | 613.0 | 613.6 | 614.3 | 614.9 | 615.2  |
| 160°   | 627.7  | 627.5 | 627.0 | 626.5 | 626.0 | 625.5 | 626.0 | 626.5 | 627.0 | 627.5 | 627.7  |
| 162.5° | 639.7  | 639.4 | 638.7 | 638.1 | 637.4 | 636.8 | 637.4 | 638.1 | 638.7 | 639.4 | 639.7  |
| 165°   | 649.3  | 649.0 | 648.4 | 647.7 | 647.1 | 646.5 | 647.1 | 647.7 | 648.4 | 649.0 | 649.3  |
| 167.5° | 657.8  | 657.5 | 656.9 | 656.2 | 655.6 | 655.0 | 655.6 | 656.2 | 656.9 | 657.5 | 657.8  |
| 170°   | 664.7  | 664.3 | 663.6 | 662.8 | 662.1 | 661.3 | 662.1 | 662.8 | 663.6 | 664.3 | 664.7  |
| 172.5° | 669.8  | 669.4 | 668.7 | 667.9 | 667.2 | 666.4 | 667.2 | 667.9 | 668.7 | 669.4 | 669.8  |
| 175°   | 673.2  | 672.8 | 672.1 | 671.3 | 670.6 | 669.8 | 670.6 | 671.3 | 672.1 | 672.8 | 673.2  |
| 177.5° | 674.9  | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 672.3 | 673.0 | 673.8 | 674.5 | 674.9  |
| 180°   | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2  |

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**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°    | 18.8   | 19.1   | 19.4   | 19.6   | 19.9   | 17.1   | 14.3   | 11.6   | 8.8    | 7.4    | 6.6    |
| 92.5°  | 18.1   | 18.0   | 17.9   | 17.7   | 17.6   | 17.5   | 17.3   | 17.2   | 17.1   | 17.0   | 16.5   |
| 95°    | 36.4   | 36.4   | 36.4   | 36.4   | 36.4   | 36.1   | 35.9   | 35.6   | 35.3   | 35.2   | 34.6   |
| 97.5°  | 56.8   | 56.8   | 56.8   | 56.8   | 56.8   | 56.3   | 55.8   | 55.3   | 54.8   | 54.5   | 53.9   |
| 100°   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.0   | 77.6   | 77.3   | 76.9   | 76.7   | 76.2   |
| 102.5° | 102.2  | 102.1  | 102.0  | 101.8  | 101.7  | 101.2  | 100.7  | 100.2  | 99.7   | 99.4   | 99.0   |
| 105°   | 126.0  | 125.7  | 125.5  | 125.2  | 125.0  | 124.7  | 124.5  | 124.2  | 123.9  | 123.8  | 123.6  |
| 107.5° | 151.0  | 150.9  | 150.8  | 150.6  | 150.5  | 150.5  | 150.5  | 150.5  | 150.5  | 150.5  | 150.3  |
| 110°   | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  | 176.3  |



TEST NUMBER: P1010027

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 201.9 | 202.3 | 202.6 | 203.0 | 203.4 | 203.5 | 203.6 | 203.7 | 203.8 | 203.9  | 203.5 |
| 115°   | 229.0 | 229.1 | 229.2 | 229.4 | 229.5 | 229.7 | 230.0 | 230.2 | 230.5 | 230.6  | 230.2 |
| 117.5° | 254.1 | 254.5 | 254.8 | 255.2 | 255.6 | 256.2 | 256.9 | 257.5 | 258.2 | 258.5  | 258.0 |
| 120°   | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 | 281.6 | 282.6 | 283.7 | 284.7 | 285.2  | 284.7 |
| 122.5° | 306.4 | 306.8 | 307.1 | 307.5 | 307.9 | 308.5 | 309.1 | 309.8 | 310.4 | 310.7  | 310.1 |
| 125°   | 332.5 | 332.9 | 333.2 | 333.6 | 334.0 | 334.4 | 334.8 | 335.1 | 335.5 | 335.7  | 335.1 |
| 127.5° | 357.6 | 358.1 | 358.6 | 359.1 | 359.6 | 360.1 | 360.6 | 361.1 | 361.6 | 361.9  | 361.2 |
| 130°   | 384.1 | 384.4 | 384.7 | 384.9 | 385.2 | 385.4 | 385.7 | 385.9 | 386.2 | 386.3  | 385.5 |
| 132.5° | 408.8 | 409.4 | 410.1 | 410.7 | 411.3 | 411.2 | 411.0 | 410.9 | 410.8 | 410.7  | 410.1 |
| 135°   | 434.7 | 434.8 | 434.9 | 435.1 | 435.2 | 434.9 | 434.7 | 434.4 | 434.1 | 434.0  | 433.3 |
| 137.5° | 458.5 | 458.6 | 458.7 | 458.9 | 459.0 | 458.8 | 458.5 | 458.3 | 458.0 | 457.9  | 457.3 |
| 140°   | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 | 482.3 | 481.6 | 481.0 | 480.3 | 480.0  | 479.4 |
| 142.5° | 504.9 | 504.8 | 504.7 | 504.6 | 504.5 | 504.1 | 503.7 | 503.4 | 503.0 | 502.8  | 502.2 |
| 145°   | 527.1 | 527.0 | 526.9 | 526.7 | 526.6 | 525.8 | 525.1 | 524.3 | 523.6 | 523.2  | 522.8 |
| 147.5° | 547.0 | 546.7 | 546.4 | 546.2 | 545.9 | 545.4 | 544.9 | 544.4 | 543.9 | 543.7  | 543.1 |
| 150°   | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 563.6 | 563.1 | 562.6 | 562.1 | 561.8  | 561.4 |
| 152.5° | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 581.7 | 581.0 | 580.4 | 579.7 | 579.4  | 579.0 |
| 155°   | 599.6 | 599.0 | 598.3 | 597.7 | 597.1 | 596.7 | 596.3 | 596.0 | 595.6 | 595.4  | 595.2 |
| 157.5° | 614.8 | 613.9 | 613.0 | 612.2 | 611.3 | 611.0 | 610.8 | 610.5 | 610.2 | 610.1  | 610.0 |
| 160°   | 627.3 | 626.6 | 625.8 | 625.1 | 624.3 | 624.2 | 624.1 | 624.0 | 623.9 | 623.8  | 623.7 |
| 162.5° | 639.3 | 638.4 | 637.5 | 636.6 | 635.7 | 635.6 | 635.4 | 635.3 | 635.2 | 635.1  | 635.1 |
| 165°   | 648.9 | 648.0 | 647.1 | 646.2 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3  | 645.4 |
| 167.5° | 657.4 | 656.5 | 655.6 | 654.8 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9  | 654.1 |
| 170°   | 664.3 | 663.4 | 662.5 | 661.6 | 660.7 | 660.8 | 661.0 | 661.1 | 661.2 | 661.3  | 661.5 |
| 172.5° | 669.4 | 668.5 | 667.6 | 666.7 | 665.8 | 665.9 | 666.1 | 666.2 | 666.3 | 666.4  | 666.6 |
| 175°   | 672.8 | 671.9 | 671.0 | 670.1 | 669.2 | 669.4 | 669.7 | 669.9 | 670.2 | 670.3  | 670.5 |
| 177.5° | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 671.7 | 672.0 | 672.2 | 672.5 | 672.6  | 672.8 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2  | 673.2 |

TEST NUMBER: P1010027

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**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°    | 5.1    | 3.6    | 2.1    | 0.6    |
| 92.5°  | 15.5   | 14.5   | 13.5   | 12.5   |
| 95°    | 33.3   | 32.0   | 30.8   | 29.5   |
| 97.5°  | 52.8   | 51.7   | 50.5   | 49.4   |
| 100°   | 75.2   | 74.1   | 73.1   | 72.1   |
| 102.5° | 98.3   | 97.5   | 96.8   | 96.0   |
| 105°   | 123.2  | 122.9  | 122.5  | 122.1  |
| 107.5° | 149.8  | 149.3  | 148.8  | 148.3  |
| 110°   | 175.6  | 174.8  | 174.1  | 173.3  |

TEST NUMBER: P1010027

CATALOG NUMBER: S122RDIP-B485D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 202.8 | 202.0 | 201.3 | 200.5 |
| 115°   | 229.5 | 228.7 | 228.0 | 227.2 |
| 117.5° | 257.0 | 255.9 | 254.9 | 253.9 |
| 120°   | 283.7 | 282.6 | 281.6 | 280.6 |
| 122.5° | 308.8 | 307.6 | 306.3 | 305.1 |
| 125°   | 334.0 | 332.9 | 331.7 | 330.6 |
| 127.5° | 359.8 | 358.4 | 357.0 | 355.6 |
| 130°   | 383.8 | 382.2 | 380.5 | 378.9 |
| 132.5° | 408.8 | 407.5 | 406.3 | 405.0 |
| 135°   | 431.9 | 430.6 | 429.2 | 427.8 |
| 137.5° | 456.2 | 455.1 | 453.9 | 452.8 |
| 140°   | 478.3 | 477.2 | 476.0 | 474.9 |
| 142.5° | 501.1 | 499.9 | 498.8 | 497.6 |
| 145°   | 521.9 | 521.0 | 520.1 | 519.2 |
| 147.5° | 542.0 | 540.8 | 539.7 | 538.5 |
| 150°   | 560.7 | 559.9 | 559.2 | 558.4 |
| 152.5° | 578.3 | 577.5 | 576.8 | 576.0 |
| 155°   | 594.8 | 594.4 | 594.0 | 593.6 |
| 157.5° | 609.7 | 609.5 | 609.2 | 609.0 |
| 160°   | 623.4 | 623.1 | 622.9 | 622.6 |
| 162.5° | 635.1 | 635.1 | 635.1 | 635.1 |
| 165°   | 645.5 | 645.6 | 645.8 | 645.9 |
| 167.5° | 654.5 | 654.8 | 655.2 | 655.6 |
| 170°   | 661.9 | 662.2 | 662.6 | 663.0 |
| 172.5° | 667.0 | 667.3 | 667.7 | 668.1 |
| 175°   | 670.9 | 671.2 | 671.6 | 672.0 |
| 177.5° | 673.2 | 673.5 | 673.9 | 674.3 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 |

(END OF REPORT)