

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: P999819

Luminaire Tested: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P999819  
REPORT IS A COMBINATION OF REPORTS P988374 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4  
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}  
{m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

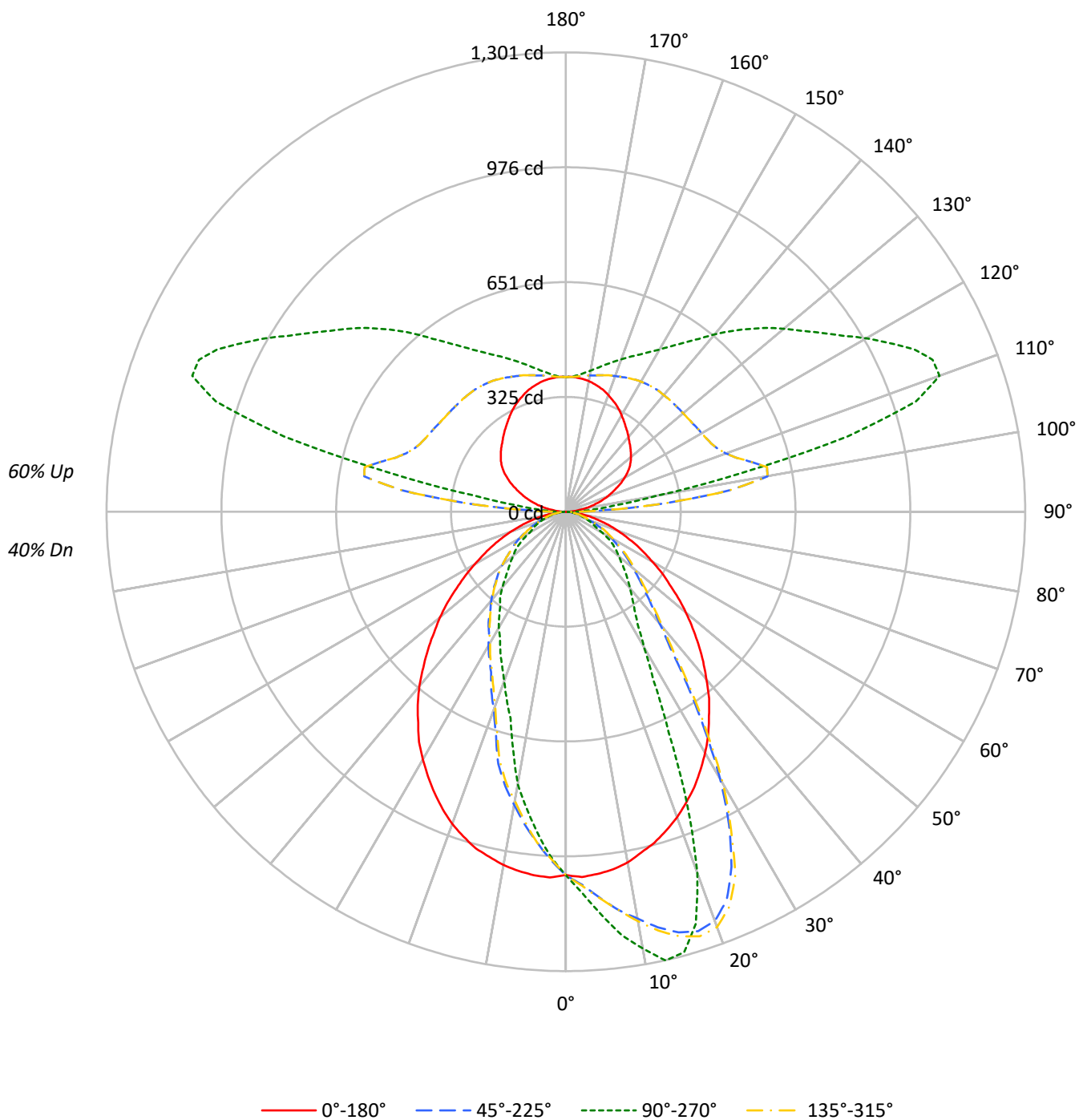
Lumens per Lamp: N/A  
Luminaire Lumens: 4439.0 lumens  
Efficiency: N/A  
Efficacy: 98.4 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 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: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P999819

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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   | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 |
| 1   | 96  | 92  | 89  | 85  | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 53 | 42 | 42 | 41 |
| 2   | 88  | 81  | 76  | 71  | 80 | 74 | 69 | 65 | 61 | 58 | 55 | 49 | 47 | 45 | 38 | 37 | 35 |
| 3   | 81  | 72  | 65  | 60  | 73 | 66 | 60 | 55 | 55 | 50 | 47 | 44 | 41 | 39 | 34 | 33 | 31 |
| 4   | 74  | 64  | 57  | 51  | 67 | 59 | 52 | 48 | 49 | 44 | 41 | 40 | 37 | 34 | 31 | 29 | 27 |
| 5   | 68  | 57  | 50  | 44  | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 36 | 33 | 30 | 29 | 26 | 24 |
| 6   | 63  | 52  | 44  | 39  | 58 | 48 | 41 | 36 | 40 | 35 | 31 | 33 | 29 | 26 | 26 | 24 | 22 |
| 7   | 59  | 47  | 39  | 34  | 53 | 43 | 37 | 32 | 37 | 32 | 28 | 30 | 26 | 24 | 24 | 22 | 20 |
| 8   | 54  | 43  | 35  | 30  | 50 | 40 | 33 | 29 | 33 | 29 | 25 | 28 | 24 | 21 | 22 | 20 | 18 |
| 9   | 51  | 39  | 32  | 27  | 46 | 36 | 30 | 26 | 31 | 26 | 23 | 26 | 22 | 19 | 21 | 18 | 16 |
| 10  | 48  | 36  | 29  | 25  | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 24 | 20 | 18 | 19 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16287 | 16287 | 16287 | 16287 |
| 5°  | 16324 | 17299 | 16381 | 13820 |
| 10° | 16144 | 18284 | 16259 | 11412 |
| 15° | 15794 | 18290 | 16062 | 8573  |
| 20° | 15373 | 15118 | 15707 | 7073  |
| 25° | 14861 | 9446  | 15182 | 6017  |
| 30° | 14209 | 6048  | 14596 | 5181  |
| 35° | 13416 | 4648  | 13851 | 4433  |
| 40° | 12532 | 3907  | 13066 | 3878  |
| 45° | 11586 | 3325  | 12071 | 3255  |
| 50° | 10618 | 2826  | 11113 | 2816  |
| 55° | 9545  | 2455  | 10059 | 2424  |
| 60° | 8591  | 1872  | 9046  | 1850  |
| 65° | 7700  | 1409  | 8159  | 1598  |
| 70° | 6721  | 1125  | 7245  | 1302  |
| 75° | 5678  | 861   | 6198  | 986   |
| 80° | 4511  | 587   | 4854  | 645   |
| 85° | 3136  | 303   | 3433  | 320   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 14898 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 97.6   | 2.2       |
| 10°-20°   | 272.4  | 6.1       |
| 20°-30°   | 350.6  | 7.9       |
| 30°-40°   | 332.6  | 7.5       |
| 40°-50°   | 285.0  | 6.4       |
| 50°-60°   | 217.1  | 4.9       |
| 60°-70°   | 136.9  | 3.1       |
| 70°-80°   | 68.3   | 1.5       |
| 80°-90°   | 20.0   | 0.5       |
| 90°-100°  | 148.8  | 3.4       |
| 100°-110° | 524.1  | 11.8      |
| 110°-120° | 550.4  | 12.4      |
| 120°-130° | 452.8  | 10.2      |
| 130°-140° | 363.8  | 8.2       |
| 140°-150° | 274.8  | 6.2       |
| 150°-160° | 193.2  | 4.4       |
| 160°-170° | 113.7  | 2.6       |
| 170°-180° | 37.0   | 0.8       |
| 0°-30°    | 720.6  | 16.2      |
| 0°-40°    | 1053.1 | 23.7      |
| 0°-60°    | 1555.3 | 35.0      |
| 0°-90°    | 1780.5 | 40.1      |
| 90°-120°  | 1223.3 | 27.6      |
| 90°-150°  | 2314.7 | 52.1      |
| 90°-180°  | 2659.0 | 59.9      |
| 0°-180°   | 4439.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1029 | 1029 | 1029 | 1029 | 1029 |      |
| 5°   | 1030 | 1145 | 1033 | 914  | 1030 | 98   |
| 15°  | 970  | 1292 | 987  | 606  | 970  | 273  |
| 25°  | 861  | 689  | 879  | 439  | 861  | 395  |
| 35°  | 706  | 340  | 729  | 324  | 706  | 442  |
| 45°  | 530  | 236  | 553  | 231  | 530  | 409  |
| 55°  | 358  | 164  | 378  | 162  | 358  | 323  |
| 65°  | 217  | 85   | 230  | 96   | 217  | 215  |
| 75°  | 102  | 45   | 111  | 52   | 102  | 110  |
| 85°  | 22   | 13   | 24   | 14   | 22   | 25   |
| 90°  | 1    | 24   | 1    | 24   | 1    | 3    |
| 95°  | 26   | 84   | 26   | 84   | 26   | 27   |
| 105° | 90   | 827  | 90   | 827  | 90   | 95   |
| 115° | 158  | 1089 | 158  | 1089 | 158  | 157  |
| 125° | 220  | 883  | 220  | 883  | 220  | 196  |
| 135° | 258  | 732  | 258  | 732  | 258  | 200  |
| 145° | 295  | 584  | 295  | 584  | 295  | 185  |
| 155° | 336  | 491  | 336  | 491  | 336  | 154  |
| 165° | 366  | 431  | 366  | 431  | 366  | 103  |
| 175° | 381  | 388  | 381  | 388  | 381  | 36   |
| 180° | 382  | 382  | 382  | 382  | 382  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 1035.3 | 1039.6 | 1041.7 | 1044.6 | 1051.0 | 1055.3 | 1061.8 | 1063.2 | 1062.5 | 1065.3 | 1057.5 |
| 5°     | 1029.6 | 1038.9 | 1047.5 | 1054.6 | 1066.0 | 1073.2 | 1081.1 | 1090.3 | 1092.5 | 1103.2 | 1096.8 |
| 7.5°   | 1021.7 | 1035.3 | 1047.5 | 1061.8 | 1078.9 | 1088.2 | 1100.4 | 1114.7 | 1121.1 | 1134.0 | 1137.5 |
| 10°    | 1008.8 | 1028.1 | 1048.9 | 1063.9 | 1087.5 | 1103.9 | 1115.4 | 1138.3 | 1153.3 | 1172.6 | 1169.7 |
| 12.5°  | 988.1  | 1013.1 | 1041.0 | 1066.0 | 1096.8 | 1107.5 | 1129.0 | 1152.6 | 1171.9 | 1189.7 | 1205.5 |
| 15°    | 970.2  | 998.8  | 1029.6 | 1060.3 | 1095.4 | 1115.4 | 1136.8 | 1167.6 | 1188.3 | 1219.8 | 1233.3 |
| 17.5°  | 945.9  | 982.4  | 1018.9 | 1053.2 | 1094.6 | 1117.5 | 1144.0 | 1174.0 | 1204.7 | 1234.8 | 1245.5 |
| 20°    | 920.9  | 960.2  | 999.5  | 1046.0 | 1093.2 | 1115.4 | 1142.5 | 1179.7 | 1209.8 | 1233.3 | 1233.3 |
| 22.5°  | 890.9  | 938.8  | 983.8  | 1028.1 | 1079.6 | 1111.8 | 1139.7 | 1183.3 | 1204.7 | 1209.8 | 1190.4 |
| 25°    | 860.8  | 908.7  | 958.1  | 1013.1 | 1071.8 | 1100.4 | 1131.8 | 1172.6 | 1179.7 | 1159.7 | 1109.7 |
| 27.5°  | 825.1  | 878.7  | 934.5  | 993.8  | 1055.3 | 1091.1 | 1119.7 | 1146.8 | 1133.2 | 1079.6 | 1001.7 |
| 30°    | 788.6  | 846.5  | 909.5  | 965.9  | 1040.3 | 1073.2 | 1097.5 | 1105.4 | 1062.5 | 975.2  | 874.4  |
| 32.5°  | 750.7  | 807.2  | 873.7  | 941.6  | 1016.7 | 1048.2 | 1063.9 | 1043.2 | 964.5  | 854.4  | 731.4  |
| 35°    | 706.4  | 770.0  | 839.4  | 910.2  | 984.5  | 1008.1 | 1017.4 | 966.7  | 865.8  | 723.6  | 601.3  |
| 37.5°  | 666.4  | 730.0  | 804.4  | 876.6  | 948.8  | 961.7  | 952.4  | 873.0  | 745.0  | 604.2  | 484.8  |
| 40°    | 619.2  | 687.1  | 760.0  | 840.8  | 900.2  | 903.7  | 880.9  | 777.9  | 619.2  | 486.9  | 413.3  |
| 42.5°  | 575.6  | 644.2  | 717.1  | 799.4  | 844.4  | 832.2  | 801.5  | 666.4  | 516.9  | 419.7  | 360.4  |
| 45°    | 530.5  | 595.6  | 674.2  | 747.2  | 779.3  | 750.7  | 704.3  | 560.5  | 434.0  | 361.1  | 315.3  |
| 47.5°  | 486.9  | 547.7  | 625.6  | 695.7  | 701.4  | 669.2  | 614.2  | 469.7  | 376.1  | 317.5  | 280.3  |
| 50°    | 444.0  | 504.8  | 577.7  | 635.6  | 629.9  | 585.6  | 523.4  | 408.3  | 326.7  | 280.3  | 249.5  |
| 52.5°  | 401.1  | 456.2  | 526.9  | 572.7  | 548.4  | 505.5  | 444.0  | 346.1  | 285.3  | 244.5  | 220.9  |
| 55°    | 358.2  | 409.7  | 470.5  | 508.4  | 469.7  | 420.4  | 376.8  | 296.7  | 247.4  | 214.5  | 196.6  |
| 57.5°  | 322.5  | 363.2  | 419.0  | 441.9  | 395.4  | 356.8  | 318.9  | 255.2  | 214.5  | 190.9  | 170.2  |
| 60°    | 283.1  | 320.3  | 366.1  | 379.7  | 331.8  | 300.3  | 268.1  | 215.9  | 183.8  | 163.0  | 149.4  |
| 62.5°  | 249.5  | 280.3  | 315.3  | 315.3  | 273.1  | 249.5  | 225.2  | 180.9  | 154.4  | 138.0  | 131.6  |
| 65°    | 216.6  | 238.8  | 263.8  | 261.0  | 225.2  | 204.5  | 185.2  | 149.4  | 129.4  | 118.0  | 111.5  |
| 67.5°  | 184.5  | 201.6  | 218.1  | 208.1  | 182.3  | 164.4  | 146.6  | 120.8  | 107.2  | 99.4   | 90.8   |
| 70°    | 155.2  | 168.7  | 177.3  | 168.0  | 142.3  | 127.3  | 114.4  | 97.2   | 86.5   | 76.5   | 71.5   |
| 72.5°  | 130.1  | 135.8  | 138.7  | 127.3  | 105.8  | 97.2   | 87.9   | 75.8   | 66.5   | 61.5   | 60.1   |
| 75°    | 101.5  | 106.5  | 104.4  | 95.8   | 77.9   | 71.5   | 64.3   | 55.8   | 53.6   | 50.8   | 49.3   |
| 77.5°  | 79.4   | 79.4   | 75.8   | 67.9   | 55.8   | 50.8   | 47.9   | 43.6   | 41.5   | 40.8   | 39.3   |
| 80°    | 56.5   | 55.8   | 53.6   | 45.0   | 37.9   | 35.0   | 35.0   | 32.2   | 31.5   | 30.0   | 30.0   |
| 82.5°  | 37.2   | 37.2   | 34.3   | 27.2   | 25.0   | 24.3   | 23.6   | 22.2   | 22.2   | 21.4   | 21.4   |
| 85°    | 22.2   | 20.7   | 17.2   | 15.0   | 14.3   | 14.3   | 13.6   | 12.9   | 13.6   | 12.9   | 12.9   |
| 87.5°  | 10.0   | 7.9    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    |
| 90°    | 0.7    | 2.9    | 5.9    | 7.3    | 8.8    | 9.9    | 11.0   | 14.7   | 19.8   | 24.2   | 25.0   |
| 92.5°  | 11.0   | 15.4   | 21.3   | 25.0   | 30.8   | 34.8   | 38.9   | 58.7   | 86.6   | 111.6  | 113.1  |
| 95°    | 25.7   | 28.6   | 36.0   | 42.6   | 54.3   | 63.1   | 71.9   | 105.7  | 169.6  | 254.7  | 287.8  |
| 97.5°  | 38.2   | 42.6   | 50.7   | 60.2   | 73.4   | 83.3   | 93.2   | 136.6  | 225.4  | 362.7  | 469.1  |
| 100°   | 56.5   | 58.7   | 65.3   | 77.1   | 91.8   | 102.0  | 112.3  | 151.2  | 240.8  | 399.4  | 580.0  |
| 102.5° | 73.4   | 74.9   | 81.5   | 93.2   | 108.7  | 119.0  | 129.2  | 164.4  | 241.5  | 385.4  | 583.6  |
| 105°   | 89.6   | 92.5   | 97.6   | 108.7  | 124.8  | 135.1  | 145.4  | 179.9  | 245.2  | 366.3  | 544.0  |
| 107.5° | 107.2  | 109.4  | 114.5  | 124.8  | 141.0  | 151.2  | 161.5  | 195.3  | 253.3  | 356.1  | 507.3  |
| 110°   | 124.8  | 127.7  | 132.1  | 141.7  | 157.1  | 167.8  | 178.4  | 210.7  | 263.6  | 353.1  | 482.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 141.0 | 143.9 | 149.0 | 157.8 | 172.5 | 183.5 | 194.5 | 225.4 | 274.6 | 353.9 | 466.2 |
| 115°   | 157.8 | 161.5 | 165.9 | 174.7 | 189.4 | 199.3 | 209.2 | 240.8 | 285.6 | 356.8 | 455.2 |
| 117.5° | 175.5 | 178.4 | 182.8 | 190.9 | 204.8 | 215.1 | 225.4 | 254.7 | 297.3 | 361.2 | 449.3 |
| 120°   | 191.6 | 194.5 | 199.0 | 205.6 | 220.2 | 230.5 | 240.8 | 269.4 | 309.1 | 365.6 | 444.2 |
| 122.5° | 207.0 | 209.2 | 213.6 | 221.0 | 235.7 | 246.3 | 256.9 | 283.4 | 319.4 | 370.7 | 441.2 |
| 125°   | 220.2 | 222.4 | 226.9 | 235.7 | 250.3 | 260.6 | 270.9 | 297.3 | 330.4 | 375.9 | 437.5 |
| 127.5° | 231.3 | 234.2 | 240.1 | 249.6 | 263.6 | 274.2 | 284.8 | 310.5 | 340.6 | 381.0 | 435.3 |
| 130°   | 240.8 | 243.7 | 251.1 | 261.4 | 276.0 | 286.3 | 296.6 | 322.3 | 350.2 | 386.9 | 433.9 |
| 132.5° | 249.6 | 253.3 | 261.4 | 272.4 | 287.8 | 298.0 | 308.3 | 332.6 | 359.7 | 392.8 | 433.1 |
| 135°   | 258.4 | 261.4 | 270.2 | 281.2 | 298.1 | 308.4 | 318.6 | 342.1 | 367.8 | 397.2 | 432.4 |
| 137.5° | 266.5 | 270.2 | 279.0 | 290.7 | 307.6 | 317.2 | 326.7 | 350.2 | 374.4 | 401.6 | 432.4 |
| 140°   | 276.0 | 279.0 | 287.8 | 299.5 | 315.7 | 325.2 | 334.8 | 356.8 | 379.6 | 404.5 | 431.7 |
| 142.5° | 285.6 | 287.8 | 295.9 | 307.6 | 323.0 | 331.8 | 340.6 | 361.9 | 384.0 | 406.7 | 431.7 |
| 145°   | 295.1 | 298.1 | 305.4 | 316.4 | 331.1 | 339.2 | 347.2 | 367.1 | 387.6 | 408.2 | 430.2 |
| 147.5° | 305.4 | 307.6 | 314.9 | 325.2 | 337.7 | 345.0 | 352.4 | 371.5 | 389.8 | 408.9 | 428.0 |
| 150°   | 315.7 | 317.9 | 323.8 | 333.3 | 344.3 | 350.9 | 357.5 | 374.4 | 391.3 | 408.2 | 425.8 |
| 152.5° | 326.0 | 326.7 | 332.6 | 340.6 | 350.9 | 356.8 | 362.7 | 377.3 | 392.0 | 406.7 | 422.1 |
| 155°   | 335.5 | 336.2 | 340.6 | 348.7 | 356.8 | 362.3 | 367.8 | 380.3 | 392.8 | 405.2 | 417.7 |
| 157.5° | 343.6 | 344.3 | 348.0 | 355.3 | 361.9 | 366.7 | 371.5 | 382.5 | 392.8 | 402.3 | 413.3 |
| 160°   | 351.7 | 352.4 | 355.3 | 361.2 | 367.1 | 371.1 | 375.1 | 384.0 | 392.8 | 400.1 | 408.9 |
| 162.5° | 359.7 | 359.0 | 361.9 | 366.3 | 371.5 | 374.4 | 377.3 | 384.7 | 392.0 | 397.9 | 405.2 |
| 165°   | 365.6 | 364.9 | 366.3 | 370.7 | 374.4 | 376.6 | 378.8 | 385.4 | 390.6 | 395.0 | 400.1 |
| 167.5° | 370.7 | 370.0 | 371.5 | 374.4 | 377.3 | 378.8 | 380.3 | 385.4 | 389.8 | 392.0 | 395.7 |
| 170°   | 375.9 | 374.4 | 375.1 | 377.3 | 378.8 | 379.9 | 381.0 | 384.7 | 388.4 | 389.8 | 392.0 |
| 172.5° | 378.8 | 378.1 | 377.3 | 379.6 | 380.3 | 381.0 | 381.8 | 384.0 | 386.2 | 386.9 | 387.6 |
| 175°   | 381.0 | 380.3 | 379.6 | 381.0 | 381.0 | 381.4 | 381.8 | 383.2 | 384.7 | 384.0 | 384.7 |
| 177.5° | 382.5 | 381.0 | 380.3 | 381.8 | 381.8 | 381.8 | 381.8 | 382.5 | 384.0 | 382.5 | 381.8 |
| 180°   | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 1065.3 | 1066.8 | 1068.9 | 1078.9 | 1080.3 | 1083.2 | 1081.8 | 1081.8 | 1082.5 | 1081.1 | 1081.8 |
| 5°     | 1111.1 | 1113.2 | 1124.0 | 1136.1 | 1139.0 | 1136.1 | 1139.7 | 1144.7 | 1144.7 | 1144.7 | 1143.3 |
| 7.5°   | 1154.0 | 1161.8 | 1174.0 | 1191.9 | 1195.5 | 1199.0 | 1205.5 | 1201.2 | 1202.6 | 1209.0 | 1206.9 |
| 10°    | 1195.5 | 1206.9 | 1220.5 | 1235.5 | 1243.4 | 1248.4 | 1251.2 | 1257.7 | 1272.7 | 1255.5 | 1261.9 |
| 12.5°  | 1234.8 | 1251.2 | 1265.5 | 1282.0 | 1287.7 | 1294.1 | 1296.3 | 1302.0 | 1302.0 | 1301.3 | 1306.3 |
| 15°    | 1260.5 | 1275.5 | 1288.4 | 1299.1 | 1300.6 | 1299.1 | 1297.7 | 1298.4 | 1300.6 | 1292.0 | 1297.0 |
| 17.5°  | 1266.2 | 1267.7 | 1272.0 | 1267.7 | 1268.4 | 1253.4 | 1244.8 | 1242.6 | 1222.6 | 1223.3 | 1239.8 |
| 20°    | 1238.4 | 1214.0 | 1207.6 | 1184.0 | 1169.7 | 1131.1 | 1129.7 | 1118.9 | 1076.8 | 1089.6 | 1086.8 |
| 22.5°  | 1161.8 | 1120.4 | 1065.3 | 1038.2 | 1024.6 | 983.8  | 952.4  | 930.2  | 915.2  | 900.2  | 893.7  |
| 25°    | 1061.0 | 993.8  | 915.9  | 862.3  | 854.4  | 816.5  | 758.6  | 731.4  | 699.3  | 689.2  | 706.4  |
| 27.5°  | 930.9  | 843.7  | 755.7  | 673.5  | 658.5  | 624.2  | 594.9  | 575.6  | 538.4  | 536.2  | 537.7  |
| 30°    | 754.3  | 666.4  | 592.7  | 539.1  | 501.9  | 486.2  | 466.9  | 452.6  | 437.6  | 443.3  | 444.7  |
| 32.5°  | 619.9  | 536.2  | 467.6  | 439.0  | 421.8  | 411.8  | 395.4  | 386.1  | 379.7  | 377.5  | 376.8  |
| 35°    | 492.6  | 436.9  | 406.1  | 378.2  | 368.2  | 361.1  | 348.9  | 344.6  | 338.9  | 339.6  | 339.6  |
| 37.5°  | 421.8  | 375.4  | 352.5  | 338.2  | 328.9  | 325.3  | 317.5  | 313.2  | 309.6  | 308.2  | 310.3  |
| 40°    | 363.9  | 331.8  | 317.5  | 304.6  | 296.7  | 295.3  | 291.0  | 286.0  | 281.7  | 282.4  | 284.6  |
| 42.5°  | 321.7  | 303.2  | 286.0  | 276.0  | 270.3  | 268.1  | 264.5  | 261.0  | 261.0  | 258.8  | 258.1  |
| 45°    | 288.1  | 273.1  | 258.8  | 249.5  | 246.0  | 243.1  | 238.8  | 238.1  | 235.2  | 235.9  | 236.7  |
| 47.5°  | 258.1  | 246.0  | 235.2  | 225.9  | 222.4  | 221.6  | 217.4  | 214.5  | 214.5  | 213.8  | 213.1  |
| 50°    | 230.9  | 218.8  | 209.5  | 204.5  | 199.5  | 198.1  | 197.3  | 196.6  | 195.2  | 195.2  | 195.9  |
| 52.5°  | 208.8  | 196.6  | 189.5  | 185.2  | 182.3  | 180.9  | 180.9  | 180.2  | 180.2  | 180.2  | 179.5  |
| 55°    | 184.5  | 174.5  | 168.7  | 167.3  | 165.9  | 165.2  | 164.4  | 163.0  | 162.3  | 163.7  | 162.3  |
| 57.5°  | 161.6  | 158.0  | 153.0  | 151.6  | 148.0  | 148.0  | 145.9  | 144.4  | 143.0  | 144.4  | 144.4  |
| 60°    | 143.7  | 138.7  | 135.8  | 131.6  | 128.7  | 125.8  | 122.3  | 121.5  | 120.1  | 119.4  | 118.7  |
| 62.5°  | 125.1  | 120.8  | 113.7  | 107.2  | 103.0  | 100.1  | 98.7   | 98.0   | 98.0   | 97.2   | 97.2   |
| 65°    | 104.4  | 94.4   | 90.8   | 88.7   | 87.9   | 87.2   | 85.8   | 85.1   | 85.8   | 85.1   | 85.8   |
| 67.5°  | 81.5   | 80.1   | 77.9   | 76.5   | 75.8   | 75.1   | 75.1   | 74.4   | 74.4   | 74.4   | 74.4   |
| 70°    | 70.8   | 67.2   | 66.5   | 65.1   | 65.1   | 64.3   | 64.3   | 64.3   | 64.3   | 63.6   | 65.1   |
| 72.5°  | 58.6   | 56.5   | 55.8   | 55.1   | 55.1   | 55.1   | 54.3   | 54.3   | 54.3   | 53.6   | 54.3   |
| 75°    | 47.9   | 47.2   | 45.8   | 45.8   | 45.0   | 45.8   | 45.0   | 45.0   | 44.3   | 45.0   | 45.0   |
| 77.5°  | 38.6   | 37.9   | 37.2   | 37.2   | 36.5   | 36.5   | 36.5   | 36.5   | 36.5   | 36.5   | 37.2   |
| 80°    | 29.3   | 28.6   | 27.9   | 28.6   | 27.9   | 28.6   | 27.9   | 27.9   | 28.6   | 27.9   | 27.9   |
| 82.5°  | 21.4   | 20.7   | 20.7   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   |
| 85°    | 12.9   | 12.2   | 12.2   | 12.9   | 12.2   | 12.9   | 12.2   | 12.2   | 12.2   | 12.9   | 12.9   |
| 87.5°  | 5.7    | 6.4    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 6.4    |
| 90°    | 24.2   | 23.5   | 22.0   | 23.5   | 23.8   | 24.2   | 24.2   | 24.2   | 24.2   | 24.2   | 24.2   |
| 92.5°  | 94.7   | 74.1   | 63.1   | 55.1   | 52.2   | 49.2   | 48.5   | 45.5   | 46.3   | 44.8   | 46.3   |
| 95°    | 251.8  | 192.3  | 147.6  | 116.7  | 108.6  | 100.6  | 91.0   | 85.2   | 83.0   | 83.7   | 83.0   |
| 97.5°  | 472.8  | 393.5  | 314.2  | 240.1  | 218.0  | 196.0  | 167.4  | 152.7  | 144.6  | 140.2  | 144.6  |
| 100°   | 685.7  | 670.3  | 579.2  | 478.7  | 434.2  | 389.8  | 328.9  | 297.3  | 276.0  | 262.8  | 276.0  |
| 102.5° | 765.0  | 851.6  | 848.7  | 781.9  | 734.2  | 686.4  | 618.9  | 559.4  | 531.5  | 512.4  | 531.5  |
| 105°   | 739.3  | 892.0  | 974.9  | 984.5  | 972.4  | 960.3  | 914.7  | 869.2  | 837.7  | 827.4  | 837.7  |
| 107.5° | 685.0  | 848.7  | 972.0  | 1044.0 | 1058.6 | 1073.3 | 1072.6 | 1066.0 | 1056.4 | 1039.5 | 1056.4 |
| 110°   | 634.3  | 789.2  | 920.6  | 1014.6 | 1044.7 | 1074.8 | 1106.4 | 1120.3 | 1126.9 | 1126.2 | 1126.9 |



TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 599.1 | 734.9 | 859.7 | 961.7 | 997.3 | 1032.9 | 1079.9 | 1105.6 | 1119.6 | 1124.7 | 1119.6 |
| 115°   | 571.2 | 692.3 | 805.4 | 901.5 | 939.3 | 977.1  | 1029.3 | 1063.0 | 1082.1 | 1088.7 | 1082.1 |
| 117.5° | 552.1 | 657.1 | 758.4 | 847.9 | 883.9 | 919.9  | 973.5  | 1009.4 | 1029.3 | 1034.4 | 1029.3 |
| 120°   | 537.4 | 632.1 | 723.1 | 800.9 | 834.4 | 867.8  | 919.1  | 953.7  | 974.9  | 982.3  | 974.9  |
| 122.5° | 524.9 | 612.3 | 693.8 | 766.4 | 795.8 | 825.2  | 870.0  | 903.7  | 922.1  | 928.0  | 922.1  |
| 125°   | 513.2 | 593.2 | 668.8 | 733.4 | 761.0 | 788.5  | 831.0  | 858.9  | 877.3  | 883.2  | 877.3  |
| 127.5° | 502.2 | 574.1 | 643.8 | 705.5 | 731.2 | 756.9  | 794.3  | 820.8  | 836.9  | 841.3  | 836.9  |
| 130°   | 491.1 | 555.7 | 618.9 | 676.9 | 701.1 | 725.3  | 761.3  | 786.3  | 800.9  | 806.8  | 800.9  |
| 132.5° | 482.3 | 538.1 | 595.4 | 647.5 | 669.9 | 692.3  | 727.5  | 752.5  | 765.7  | 770.8  | 765.7  |
| 135°   | 474.3 | 522.0 | 570.4 | 618.9 | 639.4 | 660.0  | 691.6  | 715.8  | 729.0  | 731.9  | 729.0  |
| 137.5° | 468.4 | 508.8 | 550.6 | 590.3 | 608.6 | 627.0  | 657.1  | 678.3  | 690.1  | 694.5  | 690.1  |
| 140°   | 463.2 | 496.3 | 531.5 | 565.3 | 581.4 | 597.6  | 621.1  | 640.2  | 651.2  | 655.6  | 651.2  |
| 142.5° | 458.1 | 486.0 | 514.6 | 542.5 | 555.4 | 568.2  | 590.3  | 607.1  | 616.7  | 616.7  | 616.7  |
| 145°   | 453.7 | 476.5 | 500.7 | 523.4 | 534.0 | 544.7  | 562.4  | 574.8  | 582.2  | 584.4  | 582.2  |
| 147.5° | 449.3 | 469.1 | 488.9 | 507.3 | 515.4 | 523.4  | 538.9  | 549.1  | 554.3  | 555.7  | 554.3  |
| 150°   | 443.4 | 461.0 | 477.2 | 492.6 | 499.2 | 505.8  | 516.8  | 525.6  | 530.1  | 530.8  | 530.1  |
| 152.5° | 438.3 | 453.0 | 467.6 | 480.1 | 485.6 | 491.1  | 499.2  | 506.6  | 509.5  | 509.5  | 509.5  |
| 155°   | 431.7 | 445.6 | 457.4 | 468.4 | 472.4 | 476.5  | 484.5  | 489.7  | 492.6  | 491.1  | 492.6  |
| 157.5° | 425.8 | 436.8 | 447.1 | 456.6 | 459.9 | 463.2  | 469.1  | 473.5  | 475.0  | 475.0  | 475.0  |
| 160°   | 419.2 | 428.7 | 436.8 | 444.9 | 447.4 | 450.0  | 455.2  | 458.8  | 459.6  | 459.6  | 459.6  |
| 162.5° | 413.3 | 420.7 | 427.3 | 433.9 | 435.7 | 437.5  | 442.7  | 444.9  | 445.6  | 444.9  | 445.6  |
| 165°   | 406.7 | 412.6 | 417.7 | 422.9 | 424.4 | 425.8  | 428.7  | 431.7  | 431.7  | 430.9  | 431.7  |
| 167.5° | 400.1 | 404.5 | 408.9 | 412.6 | 414.0 | 415.5  | 417.0  | 418.5  | 418.5  | 417.7  | 418.5  |
| 170°   | 395.0 | 398.6 | 400.8 | 403.8 | 404.5 | 405.2  | 406.0  | 408.2  | 407.4  | 406.0  | 407.4  |
| 172.5° | 389.8 | 392.0 | 393.5 | 395.7 | 396.0 | 396.4  | 397.2  | 397.9  | 397.2  | 396.4  | 397.2  |
| 175°   | 385.4 | 387.6 | 388.4 | 389.1 | 389.5 | 389.8  | 389.8  | 390.6  | 389.8  | 388.4  | 389.8  |
| 177.5° | 382.5 | 384.0 | 384.0 | 384.7 | 384.7 | 384.7  | 384.7  | 384.7  | 384.0  | 382.5  | 384.0  |
| 180°   | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 1084.6 | 1079.6 | 1078.2 | 1079.6 | 1078.2 | 1078.9 | 1073.9 | 1055.3 | 1060.3 | 1052.5 | 1056.7 |
| 5°     | 1146.1 | 1141.8 | 1132.5 | 1131.1 | 1129.7 | 1128.2 | 1121.1 | 1104.6 | 1098.2 | 1087.5 | 1086.8 |
| 7.5°   | 1204.7 | 1204.7 | 1197.6 | 1192.6 | 1186.2 | 1181.2 | 1171.9 | 1147.5 | 1137.5 | 1124.7 | 1117.5 |
| 10°    | 1262.7 | 1244.1 | 1251.9 | 1246.9 | 1231.2 | 1228.3 | 1211.2 | 1196.9 | 1177.6 | 1164.7 | 1153.3 |
| 12.5°  | 1304.1 | 1298.4 | 1291.3 | 1287.0 | 1282.7 | 1273.4 | 1261.9 | 1225.5 | 1215.5 | 1189.7 | 1176.9 |
| 15°    | 1302.7 | 1299.1 | 1301.3 | 1301.3 | 1299.8 | 1297.7 | 1288.4 | 1261.9 | 1244.8 | 1219.8 | 1197.6 |
| 17.5°  | 1232.6 | 1241.9 | 1251.2 | 1257.7 | 1272.0 | 1278.4 | 1287.0 | 1271.2 | 1260.5 | 1239.1 | 1215.5 |
| 20°    | 1110.4 | 1133.2 | 1160.4 | 1166.1 | 1179.0 | 1216.9 | 1234.1 | 1247.6 | 1251.9 | 1244.8 | 1225.5 |
| 22.5°  | 940.2  | 959.5  | 1025.3 | 1023.9 | 1042.4 | 1087.5 | 1137.5 | 1178.3 | 1210.5 | 1228.3 | 1221.2 |
| 25°    | 736.4  | 763.6  | 798.6  | 825.1  | 885.9  | 953.1  | 1015.3 | 1080.3 | 1136.1 | 1185.4 | 1197.6 |
| 27.5°  | 557.0  | 592.7  | 620.6  | 655.6  | 686.4  | 765.7  | 845.8  | 947.4  | 1012.4 | 1106.1 | 1154.7 |
| 30°    | 450.4  | 466.9  | 494.8  | 511.2  | 526.2  | 587.0  | 677.8  | 777.9  | 892.3  | 1000.3 | 1083.9 |
| 32.5°  | 384.7  | 396.1  | 416.8  | 424.0  | 439.7  | 480.5  | 537.7  | 629.2  | 747.2  | 878.0  | 988.1  |
| 35°    | 345.3  | 357.5  | 361.8  | 368.2  | 381.1  | 406.8  | 446.1  | 512.6  | 619.2  | 747.2  | 878.7  |
| 37.5°  | 311.7  | 318.2  | 330.3  | 334.6  | 338.9  | 358.2  | 384.7  | 431.1  | 501.9  | 607.0  | 752.9  |
| 40°    | 288.1  | 291.7  | 298.1  | 301.7  | 304.6  | 318.2  | 341.8  | 373.2  | 425.4  | 505.5  | 639.9  |
| 42.5°  | 263.1  | 267.4  | 271.7  | 276.0  | 279.6  | 290.3  | 304.6  | 334.6  | 369.6  | 430.4  | 527.7  |
| 45°    | 238.8  | 241.7  | 246.7  | 249.5  | 254.5  | 263.1  | 276.0  | 296.7  | 328.2  | 366.8  | 445.4  |
| 47.5°  | 216.6  | 220.2  | 222.4  | 225.9  | 229.5  | 238.8  | 251.0  | 264.5  | 290.3  | 328.2  | 385.4  |
| 50°    | 196.6  | 200.9  | 203.8  | 204.5  | 207.3  | 215.9  | 225.9  | 240.9  | 257.4  | 286.7  | 336.8  |
| 52.5°  | 182.3  | 183.0  | 185.2  | 188.0  | 187.3  | 192.3  | 201.6  | 213.1  | 230.2  | 253.8  | 290.3  |
| 55°    | 165.9  | 168.0  | 169.5  | 170.2  | 170.2  | 174.5  | 179.5  | 190.2  | 203.8  | 223.1  | 253.8  |
| 57.5°  | 145.1  | 147.3  | 151.6  | 153.0  | 155.2  | 157.3  | 159.4  | 166.6  | 178.0  | 196.6  | 221.6  |
| 60°    | 123.7  | 125.1  | 129.4  | 132.3  | 133.7  | 139.4  | 142.3  | 148.0  | 154.4  | 168.0  | 191.6  |
| 62.5°  | 99.4   | 100.8  | 103.0  | 105.8  | 108.7  | 117.3  | 124.4  | 130.1  | 135.1  | 144.4  | 163.7  |
| 65°    | 86.5   | 87.2   | 88.7   | 89.4   | 90.1   | 93.7   | 100.1  | 108.0  | 117.3  | 124.4  | 135.8  |
| 67.5°  | 75.1   | 75.8   | 76.5   | 77.9   | 78.6   | 79.4   | 82.2   | 84.4   | 93.7   | 103.7  | 112.3  |
| 70°    | 64.3   | 65.8   | 66.5   | 66.5   | 67.2   | 68.6   | 70.1   | 72.9   | 75.8   | 80.8   | 91.5   |
| 72.5°  | 54.3   | 55.1   | 56.5   | 56.5   | 56.5   | 57.9   | 59.3   | 60.8   | 62.2   | 65.1   | 69.4   |
| 75°    | 45.0   | 46.5   | 46.5   | 46.5   | 47.2   | 47.2   | 48.6   | 50.0   | 51.5   | 53.6   | 55.1   |
| 77.5°  | 37.2   | 37.2   | 37.2   | 37.2   | 37.9   | 37.9   | 38.6   | 40.0   | 40.8   | 41.5   | 42.9   |
| 80°    | 27.9   | 28.6   | 28.6   | 28.6   | 29.3   | 29.3   | 29.3   | 30.7   | 31.5   | 31.5   | 32.9   |
| 82.5°  | 20.7   | 20.7   | 20.7   | 21.4   | 20.7   | 21.4   | 21.4   | 22.2   | 21.4   | 22.2   | 22.9   |
| 85°    | 12.9   | 12.9   | 12.9   | 13.6   | 13.6   | 13.6   | 13.6   | 13.6   | 13.6   | 13.6   | 14.3   |
| 87.5°  | 6.4    | 6.4    | 6.4    | 6.4    | 6.4    | 6.4    | 6.4    | 6.4    | 7.1    | 6.4    | 6.4    |
| 90°    | 24.2   | 24.2   | 24.2   | 23.8   | 23.5   | 22.0   | 23.5   | 24.2   | 25.0   | 24.2   | 19.8   |
| 92.5°  | 45.5   | 48.5   | 49.2   | 52.2   | 55.1   | 63.1   | 74.1   | 94.7   | 113.1  | 111.6  | 86.6   |
| 95°    | 85.2   | 91.0   | 100.6  | 108.6  | 116.7  | 147.6  | 192.3  | 251.8  | 287.8  | 254.7  | 169.6  |
| 97.5°  | 152.7  | 167.4  | 196.0  | 218.0  | 240.1  | 314.2  | 393.5  | 472.8  | 469.1  | 362.7  | 225.4  |
| 100°   | 297.3  | 328.9  | 389.8  | 434.2  | 478.7  | 579.2  | 670.3  | 685.7  | 580.0  | 399.4  | 240.8  |
| 102.5° | 559.4  | 618.9  | 686.4  | 734.2  | 781.9  | 848.7  | 851.6  | 765.0  | 583.6  | 385.4  | 241.5  |
| 105°   | 869.2  | 914.7  | 960.3  | 972.4  | 984.5  | 974.9  | 892.0  | 739.3  | 544.0  | 366.3  | 245.2  |
| 107.5° | 1066.0 | 1072.6 | 1073.3 | 1058.6 | 1044.0 | 972.0  | 848.7  | 685.0  | 507.3  | 356.1  | 253.3  |
| 110°   | 1120.3 | 1106.4 | 1074.8 | 1044.7 | 1014.6 | 920.6  | 789.2  | 634.3  | 482.3  | 353.1  | 263.6  |



TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1105.6 | 1079.9 | 1032.9 | 997.3  | 961.7 | 859.7 | 734.9 | 599.1 | 466.2 | 353.9 | 274.6 |
| 115°   | 1063.0 | 1029.3 | 977.1  | 939.3  | 901.5 | 805.4 | 692.3 | 571.2 | 455.2 | 356.8 | 285.6 |
| 117.5° | 1009.4 | 973.5  | 919.9  | 883.9  | 847.9 | 758.4 | 657.1 | 552.1 | 449.3 | 361.2 | 297.3 |
| 120°   | 953.7  | 919.1  | 867.8  | 834.4  | 800.9 | 723.1 | 632.1 | 537.4 | 444.2 | 365.6 | 309.1 |
| 122.5° | 903.7  | 870.0  | 825.2  | 795.8  | 766.4 | 693.8 | 612.3 | 524.9 | 441.2 | 370.7 | 319.4 |
| 125°   | 858.9  | 831.0  | 788.5  | 761.0  | 733.4 | 668.8 | 593.2 | 513.2 | 437.5 | 375.9 | 330.4 |
| 127.5° | 820.8  | 794.3  | 756.9  | 731.2  | 705.5 | 643.8 | 574.1 | 502.2 | 435.3 | 381.0 | 340.6 |
| 130°   | 786.3  | 761.3  | 725.3  | 701.1  | 676.9 | 618.9 | 555.7 | 491.1 | 433.9 | 386.9 | 350.2 |
| 132.5° | 752.5  | 727.5  | 692.3  | 669.9  | 647.5 | 595.4 | 538.1 | 482.3 | 433.1 | 392.8 | 359.7 |
| 135°   | 715.8  | 691.6  | 660.0  | 639.4  | 618.9 | 570.4 | 522.0 | 474.3 | 432.4 | 397.2 | 367.8 |
| 137.5° | 678.3  | 657.1  | 627.0  | 608.6  | 590.3 | 550.6 | 508.8 | 468.4 | 432.4 | 401.6 | 374.4 |
| 140°   | 640.2  | 621.1  | 597.6  | 581.4  | 565.3 | 531.5 | 496.3 | 463.2 | 431.7 | 404.5 | 379.6 |
| 142.5° | 607.1  | 590.3  | 568.2  | 555.4  | 542.5 | 514.6 | 486.0 | 458.1 | 431.7 | 406.7 | 384.0 |
| 145°   | 574.8  | 562.4  | 544.7  | 534.0  | 523.4 | 500.7 | 476.5 | 453.7 | 430.2 | 408.2 | 387.6 |
| 147.5° | 549.1  | 538.9  | 523.4  | 515.4  | 507.3 | 488.9 | 469.1 | 449.3 | 428.0 | 408.9 | 389.8 |
| 150°   | 525.6  | 516.8  | 505.8  | 499.2  | 492.6 | 477.2 | 461.0 | 443.4 | 425.8 | 408.2 | 391.3 |
| 152.5° | 506.6  | 499.2  | 491.1  | 485.6  | 480.1 | 467.6 | 453.0 | 438.3 | 422.1 | 406.7 | 392.0 |
| 155°   | 489.7  | 484.5  | 476.5  | 472.4  | 468.4 | 457.4 | 445.6 | 431.7 | 417.7 | 405.2 | 392.8 |
| 157.5° | 473.5  | 469.1  | 463.2  | 459.9  | 456.6 | 447.1 | 436.8 | 425.8 | 413.3 | 402.3 | 392.8 |
| 160°   | 458.8  | 455.2  | 450.0  | 447.4  | 444.9 | 436.8 | 428.7 | 419.2 | 408.9 | 400.1 | 392.8 |
| 162.5° | 444.9  | 442.7  | 437.5  | 435.7  | 433.9 | 427.3 | 420.7 | 413.3 | 405.2 | 397.9 | 392.0 |
| 165°   | 431.7  | 428.7  | 425.8  | 424.4  | 422.9 | 417.7 | 412.6 | 406.7 | 400.1 | 395.0 | 390.6 |
| 167.5° | 418.5  | 417.0  | 415.5  | 414.0  | 412.6 | 408.9 | 404.5 | 400.1 | 395.7 | 392.0 | 389.8 |
| 170°   | 408.2  | 406.0  | 405.2  | 404.5  | 403.8 | 400.8 | 398.6 | 395.0 | 392.0 | 389.8 | 388.4 |
| 172.5° | 397.9  | 397.2  | 396.4  | 396.0  | 395.7 | 393.5 | 392.0 | 389.8 | 387.6 | 386.9 | 386.2 |
| 175°   | 390.6  | 389.8  | 389.8  | 389.5  | 389.1 | 388.4 | 387.6 | 385.4 | 384.7 | 384.0 | 384.7 |
| 177.5° | 384.7  | 384.7  | 384.7  | 384.7  | 384.7 | 384.0 | 384.0 | 382.5 | 381.8 | 382.5 | 384.0 |
| 180°   | 381.8  | 381.8  | 381.8  | 381.8  | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 1050.3 | 1046.7 | 1046.7 | 1044.6 | 1044.6 | 1033.2 | 1033.2 | 1036.7 | 1032.4 | 1027.4 | 1020.3 |
| 5°     | 1077.5 | 1069.6 | 1067.5 | 1064.6 | 1055.3 | 1041.0 | 1035.3 | 1033.2 | 1024.6 | 1013.8 | 1001.7 |
| 7.5°   | 1103.2 | 1090.3 | 1083.9 | 1077.5 | 1065.3 | 1045.3 | 1033.9 | 1026.0 | 1013.1 | 996.7  | 981.0  |
| 10°    | 1128.2 | 1111.8 | 1095.4 | 1087.5 | 1070.3 | 1045.3 | 1028.9 | 1016.0 | 997.4  | 975.2  | 953.1  |
| 12.5°  | 1151.1 | 1116.8 | 1113.9 | 1098.2 | 1073.2 | 1044.6 | 1019.6 | 1001.0 | 977.4  | 951.6  | 925.9  |
| 15°    | 1171.1 | 1136.1 | 1118.9 | 1104.6 | 1071.8 | 1036.0 | 1009.6 | 986.7  | 955.2  | 925.9  | 894.4  |
| 17.5°  | 1181.2 | 1143.3 | 1131.8 | 1108.2 | 1074.6 | 1028.1 | 992.4  | 964.5  | 930.2  | 895.2  | 859.4  |
| 20°    | 1191.2 | 1146.8 | 1128.2 | 1111.8 | 1066.0 | 1013.1 | 973.1  | 940.9  | 903.0  | 861.6  | 822.2  |
| 22.5°  | 1196.2 | 1146.8 | 1124.7 | 1101.8 | 1057.5 | 996.7  | 949.5  | 911.6  | 867.3  | 825.1  | 777.9  |
| 25°    | 1187.6 | 1142.5 | 1116.1 | 1092.5 | 1042.4 | 976.7  | 922.3  | 879.4  | 832.2  | 784.3  | 736.4  |
| 27.5°  | 1166.1 | 1132.5 | 1101.8 | 1077.5 | 1021.7 | 950.9  | 893.7  | 845.1  | 796.5  | 742.9  | 694.2  |
| 30°    | 1126.1 | 1111.1 | 1086.8 | 1059.6 | 998.8  | 928.0  | 860.1  | 810.1  | 756.5  | 702.8  | 652.1  |
| 32.5°  | 1063.9 | 1076.8 | 1061.0 | 1037.4 | 971.7  | 896.6  | 824.4  | 773.6  | 715.0  | 657.1  | 610.6  |
| 35°    | 988.1  | 1033.9 | 1025.3 | 1008.8 | 943.1  | 863.0  | 790.8  | 729.3  | 670.7  | 612.0  | 565.6  |
| 37.5°  | 905.2  | 974.5  | 981.7  | 971.7  | 910.2  | 828.7  | 749.3  | 689.2  | 629.2  | 569.8  | 522.7  |
| 40°    | 791.5  | 898.0  | 920.9  | 925.2  | 875.9  | 787.2  | 704.3  | 645.6  | 586.3  | 528.4  | 471.2  |
| 42.5°  | 687.1  | 821.5  | 850.1  | 868.0  | 832.2  | 746.4  | 662.8  | 597.7  | 539.1  | 486.9  | 429.7  |
| 45°    | 589.1  | 729.3  | 775.8  | 798.6  | 782.9  | 700.0  | 613.5  | 552.7  | 499.1  | 451.2  | 396.1  |
| 47.5°  | 488.3  | 629.2  | 694.2  | 730.7  | 730.7  | 652.8  | 566.3  | 506.2  | 454.7  | 414.0  | 365.4  |
| 50°    | 421.1  | 538.4  | 605.6  | 653.5  | 666.4  | 604.9  | 523.4  | 464.7  | 416.1  | 371.8  | 334.6  |
| 52.5°  | 358.9  | 464.0  | 519.8  | 569.8  | 607.0  | 553.4  | 475.5  | 422.6  | 374.7  | 333.2  | 303.9  |
| 55°    | 310.3  | 389.0  | 439.7  | 494.8  | 536.2  | 501.2  | 429.0  | 377.5  | 336.0  | 301.7  | 276.7  |
| 57.5°  | 263.8  | 332.5  | 373.9  | 422.6  | 466.9  | 440.4  | 382.5  | 338.2  | 301.7  | 271.7  | 249.5  |
| 60°    | 224.5  | 280.3  | 312.4  | 350.3  | 405.4  | 386.8  | 338.9  | 298.1  | 268.8  | 241.7  | 223.1  |
| 62.5°  | 190.9  | 235.2  | 262.4  | 289.6  | 339.6  | 331.0  | 293.9  | 262.4  | 237.4  | 214.5  | 198.8  |
| 65°    | 156.6  | 193.0  | 214.5  | 238.1  | 278.1  | 281.7  | 251.7  | 229.5  | 206.6  | 186.6  | 172.3  |
| 67.5°  | 126.6  | 155.2  | 174.5  | 194.5  | 226.6  | 236.7  | 215.9  | 197.3  | 178.0  | 161.6  | 148.7  |
| 70°    | 102.2  | 122.3  | 136.6  | 152.3  | 178.7  | 190.9  | 180.2  | 167.3  | 151.6  | 138.0  | 126.6  |
| 72.5°  | 80.8   | 93.7   | 102.2  | 114.4  | 135.8  | 148.0  | 147.3  | 135.8  | 124.4  | 115.1  | 105.8  |
| 75°    | 59.3   | 69.4   | 76.5   | 84.4   | 101.5  | 113.0  | 115.8  | 110.8  | 99.4   | 92.2   | 85.1   |
| 77.5°  | 45.0   | 50.8   | 54.3   | 60.1   | 72.2   | 82.2   | 86.5   | 85.1   | 77.2   | 71.5   | 66.5   |
| 80°    | 34.3   | 35.7   | 37.2   | 39.3   | 49.3   | 58.6   | 61.5   | 60.8   | 56.5   | 54.3   | 48.6   |
| 82.5°  | 24.3   | 25.0   | 25.7   | 26.5   | 30.0   | 37.9   | 40.8   | 42.2   | 38.6   | 36.5   | 31.5   |
| 85°    | 14.3   | 15.0   | 15.0   | 16.4   | 17.2   | 19.3   | 24.3   | 24.3   | 23.6   | 20.7   | 20.0   |
| 87.5°  | 7.1    | 7.1    | 6.4    | 6.4    | 7.1    | 7.9    | 9.3    | 10.7   | 9.3    | 8.6    | 7.9    |
| 90°    | 14.7   | 11.0   | 9.9    | 8.8    | 7.3    | 5.9    | 2.9    | 0.7    | 2.9    | 5.9    | 7.3    |
| 92.5°  | 58.7   | 38.9   | 34.8   | 30.8   | 25.0   | 21.3   | 15.4   | 11.0   | 15.4   | 21.3   | 25.0   |
| 95°    | 105.7  | 71.9   | 63.1   | 54.3   | 42.6   | 36.0   | 28.6   | 25.7   | 28.6   | 36.0   | 42.6   |
| 97.5°  | 136.6  | 93.2   | 83.3   | 73.4   | 60.2   | 50.7   | 42.6   | 38.2   | 42.6   | 50.7   | 60.2   |
| 100°   | 151.2  | 112.3  | 102.0  | 91.8   | 77.1   | 65.3   | 58.7   | 56.5   | 58.7   | 65.3   | 77.1   |
| 102.5° | 164.4  | 129.2  | 119.0  | 108.7  | 93.2   | 81.5   | 74.9   | 73.4   | 74.9   | 81.5   | 93.2   |
| 105°   | 179.9  | 145.4  | 135.1  | 124.8  | 108.7  | 97.6   | 92.5   | 89.6   | 92.5   | 97.6   | 108.7  |
| 107.5° | 195.3  | 161.5  | 151.2  | 141.0  | 124.8  | 114.5  | 109.4  | 107.2  | 109.4  | 114.5  | 124.8  |
| 110°   | 210.7  | 178.4  | 167.8  | 157.1  | 141.7  | 132.1  | 127.7  | 124.8  | 127.7  | 132.1  | 141.7  |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.4 | 194.5 | 183.5  | 172.5 | 157.8 | 149.0 | 143.9 | 141.0 | 143.9 | 149.0 | 157.8 |
| 115°   | 240.8 | 209.2 | 199.3  | 189.4 | 174.7 | 165.9 | 161.5 | 157.8 | 161.5 | 165.9 | 174.7 |
| 117.5° | 254.7 | 225.4 | 215.1  | 204.8 | 190.9 | 182.8 | 178.4 | 175.5 | 178.4 | 182.8 | 190.9 |
| 120°   | 269.4 | 240.8 | 230.5  | 220.2 | 205.6 | 199.0 | 194.5 | 191.6 | 194.5 | 199.0 | 205.6 |
| 122.5° | 283.4 | 256.9 | 246.3  | 235.7 | 221.0 | 213.6 | 209.2 | 207.0 | 209.2 | 213.6 | 221.0 |
| 125°   | 297.3 | 270.9 | 260.6  | 250.3 | 235.7 | 226.9 | 222.4 | 220.2 | 222.4 | 226.9 | 235.7 |
| 127.5° | 310.5 | 284.8 | 274.2  | 263.6 | 249.6 | 240.1 | 234.2 | 231.3 | 234.2 | 240.1 | 249.6 |
| 130°   | 322.3 | 296.6 | 286.3  | 276.0 | 261.4 | 251.1 | 243.7 | 240.8 | 243.7 | 251.1 | 261.4 |
| 132.5° | 332.6 | 308.3 | 298.0  | 287.8 | 272.4 | 261.4 | 253.3 | 249.6 | 253.3 | 261.4 | 272.4 |
| 135°   | 342.1 | 318.6 | 308.4  | 298.1 | 281.2 | 270.2 | 261.4 | 258.4 | 261.4 | 270.2 | 281.2 |
| 137.5° | 350.2 | 326.7 | 317.2  | 307.6 | 290.7 | 279.0 | 270.2 | 266.5 | 270.2 | 279.0 | 290.7 |
| 140°   | 356.8 | 334.8 | 325.2  | 315.7 | 299.5 | 287.8 | 279.0 | 276.0 | 279.0 | 287.8 | 299.5 |
| 142.5° | 361.9 | 340.6 | 331.8  | 323.0 | 307.6 | 295.9 | 287.8 | 285.6 | 287.8 | 295.9 | 307.6 |
| 145°   | 367.1 | 347.2 | 339.2  | 331.1 | 316.4 | 305.4 | 298.1 | 295.1 | 298.1 | 305.4 | 316.4 |
| 147.5° | 371.5 | 352.4 | 345.0  | 337.7 | 325.2 | 314.9 | 307.6 | 305.4 | 307.6 | 314.9 | 325.2 |
| 150°   | 374.4 | 357.5 | 350.9  | 344.3 | 333.3 | 323.8 | 317.9 | 315.7 | 317.9 | 323.8 | 333.3 |
| 152.5° | 377.3 | 362.7 | 356.8  | 350.9 | 340.6 | 332.6 | 326.7 | 326.0 | 326.7 | 332.6 | 340.6 |
| 155°   | 380.3 | 367.8 | 362.3  | 356.8 | 348.7 | 340.6 | 336.2 | 335.5 | 336.2 | 340.6 | 348.7 |
| 157.5° | 382.5 | 371.5 | 366.7  | 361.9 | 355.3 | 348.0 | 344.3 | 343.6 | 344.3 | 348.0 | 355.3 |
| 160°   | 384.0 | 375.1 | 371.1  | 367.1 | 361.2 | 355.3 | 352.4 | 351.7 | 352.4 | 355.3 | 361.2 |
| 162.5° | 384.7 | 377.3 | 374.4  | 371.5 | 366.3 | 361.9 | 359.0 | 359.7 | 359.0 | 361.9 | 366.3 |
| 165°   | 385.4 | 378.8 | 376.6  | 374.4 | 370.7 | 366.3 | 364.9 | 365.6 | 364.9 | 366.3 | 370.7 |
| 167.5° | 385.4 | 380.3 | 378.8  | 377.3 | 374.4 | 371.5 | 370.0 | 370.7 | 370.0 | 371.5 | 374.4 |
| 170°   | 384.7 | 381.0 | 379.9  | 378.8 | 377.3 | 375.1 | 374.4 | 375.9 | 374.4 | 375.1 | 377.3 |
| 172.5° | 384.0 | 381.8 | 381.0  | 380.3 | 379.6 | 377.3 | 378.1 | 378.8 | 378.1 | 377.3 | 379.6 |
| 175°   | 383.2 | 381.8 | 381.4  | 381.0 | 381.0 | 379.6 | 380.3 | 381.0 | 380.3 | 379.6 | 381.0 |
| 177.5° | 382.5 | 381.8 | 381.8  | 381.8 | 381.8 | 380.3 | 381.0 | 382.5 | 381.0 | 380.3 | 381.8 |
| 180°   | 381.8 | 381.8 | 381.8  | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 1017.4 | 1018.1 | 1020.3 | 1013.8 | 1003.8 | 999.5  | 986.7  | 984.5  | 982.4  | 982.4  | 984.5  |
| 5°     | 994.5  | 991.7  | 992.4  | 980.2  | 965.9  | 957.4  | 939.5  | 942.3  | 933.1  | 927.3  | 928.8  |
| 7.5°   | 969.5  | 961.7  | 960.9  | 945.2  | 927.3  | 911.6  | 893.0  | 888.7  | 880.1  | 870.1  | 865.8  |
| 10°    | 938.1  | 932.3  | 921.6  | 903.7  | 880.9  | 868.0  | 843.0  | 828.0  | 825.8  | 810.8  | 805.1  |
| 12.5°  | 905.9  | 895.9  | 885.1  | 860.1  | 834.4  | 813.7  | 795.1  | 778.6  | 767.2  | 754.3  | 745.7  |
| 15°    | 868.7  | 856.6  | 844.4  | 817.9  | 787.9  | 767.2  | 739.3  | 715.0  | 681.4  | 654.9  | 639.9  |
| 17.5°  | 828.0  | 814.4  | 797.9  | 768.6  | 739.3  | 710.7  | 659.2  | 630.6  | 607.0  | 591.3  | 582.0  |
| 20°    | 785.8  | 770.8  | 754.3  | 725.0  | 674.2  | 624.2  | 595.6  | 573.4  | 559.1  | 543.4  | 531.9  |
| 22.5°  | 741.4  | 725.7  | 707.8  | 662.1  | 608.5  | 573.4  | 551.3  | 530.5  | 509.8  | 501.2  | 495.5  |
| 25°    | 700.0  | 685.7  | 662.8  | 600.6  | 558.4  | 526.2  | 501.2  | 487.6  | 476.9  | 465.5  | 454.7  |
| 27.5°  | 657.1  | 630.6  | 598.4  | 546.2  | 519.8  | 486.9  | 469.0  | 459.0  | 440.4  | 432.6  | 427.6  |
| 30°    | 605.6  | 576.3  | 545.5  | 508.4  | 477.6  | 454.7  | 438.3  | 421.8  | 411.1  | 403.3  | 394.7  |
| 32.5°  | 553.4  | 525.5  | 506.2  | 467.6  | 444.7  | 421.1  | 405.4  | 395.4  | 379.7  | 374.7  | 371.1  |
| 35°    | 508.4  | 484.8  | 467.6  | 436.1  | 414.7  | 393.2  | 381.8  | 366.8  | 356.8  | 347.5  | 341.8  |
| 37.5°  | 464.0  | 451.2  | 433.3  | 406.8  | 383.9  | 366.8  | 351.1  | 346.1  | 332.5  | 327.5  | 321.7  |
| 40°    | 433.3  | 414.0  | 399.0  | 376.1  | 356.8  | 338.2  | 328.2  | 316.7  | 307.4  | 299.6  | 297.4  |
| 42.5°  | 396.1  | 381.8  | 373.2  | 348.2  | 328.2  | 317.5  | 305.3  | 292.4  | 285.3  | 278.8  | 271.0  |
| 45°    | 368.2  | 355.3  | 343.2  | 323.2  | 305.3  | 291.7  | 281.0  | 272.4  | 260.3  | 257.4  | 245.2  |
| 47.5°  | 338.9  | 326.0  | 316.7  | 296.7  | 280.3  | 267.4  | 259.5  | 248.1  | 238.1  | 231.7  | 225.9  |
| 50°    | 309.6  | 298.9  | 290.3  | 273.1  | 258.8  | 245.2  | 234.5  | 223.1  | 218.8  | 208.1  | 204.5  |
| 52.5°  | 281.7  | 274.6  | 265.3  | 248.8  | 234.5  | 223.1  | 211.6  | 202.3  | 195.9  | 190.2  | 185.9  |
| 55°    | 258.1  | 246.7  | 242.4  | 224.5  | 212.4  | 200.2  | 190.2  | 184.5  | 176.6  | 173.0  | 169.5  |
| 57.5°  | 231.7  | 225.2  | 218.1  | 204.5  | 190.9  | 179.5  | 172.3  | 163.7  | 159.4  | 155.2  | 152.3  |
| 60°    | 208.8  | 199.5  | 193.8  | 182.3  | 170.2  | 159.4  | 153.0  | 146.6  | 140.9  | 137.3  | 131.6  |
| 62.5°  | 182.3  | 175.2  | 171.6  | 159.4  | 149.4  | 139.4  | 133.7  | 127.3  | 123.0  | 116.5  | 109.4  |
| 65°    | 159.4  | 153.7  | 149.4  | 139.4  | 130.1  | 120.8  | 115.1  | 107.2  | 101.5  | 98.0   | 97.2   |
| 67.5°  | 139.4  | 135.1  | 128.7  | 119.4  | 110.1  | 103.0  | 96.5   | 90.1   | 89.4   | 87.9   | 87.9   |
| 70°    | 117.3  | 113.0  | 109.4  | 99.4   | 91.5   | 83.7   | 82.2   | 80.1   | 77.9   | 77.2   | 75.8   |
| 72.5°  | 98.0   | 94.4   | 90.1   | 81.5   | 73.6   | 71.5   | 70.1   | 68.6   | 66.5   | 65.8   | 65.1   |
| 75°    | 79.4   | 74.4   | 71.5   | 63.6   | 61.5   | 60.1   | 58.6   | 56.5   | 55.1   | 54.3   | 52.9   |
| 77.5°  | 60.8   | 55.8   | 55.8   | 51.5   | 50.0   | 47.9   | 46.5   | 45.0   | 44.3   | 42.9   | 42.9   |
| 80°    | 42.9   | 42.9   | 41.5   | 39.3   | 37.2   | 36.5   | 34.3   | 33.6   | 32.9   | 33.6   | 32.2   |
| 82.5°  | 31.5   | 28.6   | 28.6   | 27.2   | 25.7   | 25.0   | 23.6   | 23.6   | 22.9   | 22.9   | 22.9   |
| 85°    | 17.9   | 17.9   | 17.2   | 15.7   | 15.0   | 15.0   | 14.3   | 14.3   | 13.6   | 13.6   | 12.9   |
| 87.5°  | 7.1    | 6.4    | 7.1    | 6.4    | 6.4    | 5.7    | 5.7    | 5.7    | 5.0    | 5.7    | 5.0    |
| 90°    | 8.8    | 9.9    | 11.0   | 14.7   | 19.8   | 24.2   | 25.0   | 24.2   | 23.5   | 22.0   | 23.5   |
| 92.5°  | 30.8   | 34.8   | 38.9   | 58.7   | 86.6   | 111.6  | 113.1  | 94.7   | 74.1   | 63.1   | 55.1   |
| 95°    | 54.3   | 63.1   | 71.9   | 105.7  | 169.6  | 254.7  | 287.8  | 251.8  | 192.3  | 147.6  | 116.7  |
| 97.5°  | 73.4   | 83.3   | 93.2   | 136.6  | 225.4  | 362.7  | 469.1  | 472.8  | 393.5  | 314.2  | 240.1  |
| 100°   | 91.8   | 102.0  | 112.3  | 151.2  | 240.8  | 399.4  | 580.0  | 685.7  | 670.3  | 579.2  | 478.7  |
| 102.5° | 108.7  | 119.0  | 129.2  | 164.4  | 241.5  | 385.4  | 583.6  | 765.0  | 851.6  | 848.7  | 781.9  |
| 105°   | 124.8  | 135.1  | 145.4  | 179.9  | 245.2  | 366.3  | 544.0  | 739.3  | 892.0  | 974.9  | 984.5  |
| 107.5° | 141.0  | 151.2  | 161.5  | 195.3  | 253.3  | 356.1  | 507.3  | 685.0  | 848.7  | 972.0  | 1044.0 |
| 110°   | 157.1  | 167.8  | 178.4  | 210.7  | 263.6  | 353.1  | 482.3  | 634.3  | 789.2  | 920.6  | 1014.6 |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.5 | 183.5  | 194.5 | 225.4 | 274.6 | 353.9 | 466.2 | 599.1 | 734.9 | 859.7 | 961.7 |
| 115°   | 189.4 | 199.3  | 209.2 | 240.8 | 285.6 | 356.8 | 455.2 | 571.2 | 692.3 | 805.4 | 901.5 |
| 117.5° | 204.8 | 215.1  | 225.4 | 254.7 | 297.3 | 361.2 | 449.3 | 552.1 | 657.1 | 758.4 | 847.9 |
| 120°   | 220.2 | 230.5  | 240.8 | 269.4 | 309.1 | 365.6 | 444.2 | 537.4 | 632.1 | 723.1 | 800.9 |
| 122.5° | 235.7 | 246.3  | 256.9 | 283.4 | 319.4 | 370.7 | 441.2 | 524.9 | 612.3 | 693.8 | 766.4 |
| 125°   | 250.3 | 260.6  | 270.9 | 297.3 | 330.4 | 375.9 | 437.5 | 513.2 | 593.2 | 668.8 | 733.4 |
| 127.5° | 263.6 | 274.2  | 284.8 | 310.5 | 340.6 | 381.0 | 435.3 | 502.2 | 574.1 | 643.8 | 705.5 |
| 130°   | 276.0 | 286.3  | 296.6 | 322.3 | 350.2 | 386.9 | 433.9 | 491.1 | 555.7 | 618.9 | 676.9 |
| 132.5° | 287.8 | 298.0  | 308.3 | 332.6 | 359.7 | 392.8 | 433.1 | 482.3 | 538.1 | 595.4 | 647.5 |
| 135°   | 298.1 | 308.4  | 318.6 | 342.1 | 367.8 | 397.2 | 432.4 | 474.3 | 522.0 | 570.4 | 618.9 |
| 137.5° | 307.6 | 317.2  | 326.7 | 350.2 | 374.4 | 401.6 | 432.4 | 468.4 | 508.8 | 550.6 | 590.3 |
| 140°   | 315.7 | 325.2  | 334.8 | 356.8 | 379.6 | 404.5 | 431.7 | 463.2 | 496.3 | 531.5 | 565.3 |
| 142.5° | 323.0 | 331.8  | 340.6 | 361.9 | 384.0 | 406.7 | 431.7 | 458.1 | 486.0 | 514.6 | 542.5 |
| 145°   | 331.1 | 339.2  | 347.2 | 367.1 | 387.6 | 408.2 | 430.2 | 453.7 | 476.5 | 500.7 | 523.4 |
| 147.5° | 337.7 | 345.0  | 352.4 | 371.5 | 389.8 | 408.9 | 428.0 | 449.3 | 469.1 | 488.9 | 507.3 |
| 150°   | 344.3 | 350.9  | 357.5 | 374.4 | 391.3 | 408.2 | 425.8 | 443.4 | 461.0 | 477.2 | 492.6 |
| 152.5° | 350.9 | 356.8  | 362.7 | 377.3 | 392.0 | 406.7 | 422.1 | 438.3 | 453.0 | 467.6 | 480.1 |
| 155°   | 356.8 | 362.3  | 367.8 | 380.3 | 392.8 | 405.2 | 417.7 | 431.7 | 445.6 | 457.4 | 468.4 |
| 157.5° | 361.9 | 366.7  | 371.5 | 382.5 | 392.8 | 402.3 | 413.3 | 425.8 | 436.8 | 447.1 | 456.6 |
| 160°   | 367.1 | 371.1  | 375.1 | 384.0 | 392.8 | 400.1 | 408.9 | 419.2 | 428.7 | 436.8 | 444.9 |
| 162.5° | 371.5 | 374.4  | 377.3 | 384.7 | 392.0 | 397.9 | 405.2 | 413.3 | 420.7 | 427.3 | 433.9 |
| 165°   | 374.4 | 376.6  | 378.8 | 385.4 | 390.6 | 395.0 | 400.1 | 406.7 | 412.6 | 417.7 | 422.9 |
| 167.5° | 377.3 | 378.8  | 380.3 | 385.4 | 389.8 | 392.0 | 395.7 | 400.1 | 404.5 | 408.9 | 412.6 |
| 170°   | 378.8 | 379.9  | 381.0 | 384.7 | 388.4 | 389.8 | 392.0 | 395.0 | 398.6 | 400.8 | 403.8 |
| 172.5° | 380.3 | 381.0  | 381.8 | 384.0 | 386.2 | 386.9 | 387.6 | 389.8 | 392.0 | 393.5 | 395.7 |
| 175°   | 381.0 | 381.4  | 381.8 | 383.2 | 384.7 | 384.0 | 384.7 | 385.4 | 387.6 | 388.4 | 389.1 |
| 177.5° | 381.8 | 381.8  | 381.8 | 382.5 | 384.0 | 382.5 | 381.8 | 382.5 | 384.0 | 384.0 | 384.7 |
| 180°   | 381.8 | 381.8  | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 |



TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 984.5  | 983.1  | 978.8  | 980.2  | 978.1  | 978.1  | 976.7  | 976.7  | 976.7  | 980.2  | 978.1  |
| 5°     | 930.9  | 925.9  | 920.9  | 918.8  | 916.6  | 914.5  | 914.5  | 913.7  | 920.2  | 918.8  | 924.5  |
| 7.5°   | 864.4  | 863.0  | 853.0  | 853.0  | 849.4  | 848.0  | 851.5  | 852.3  | 853.0  | 854.4  | 858.0  |
| 10°    | 805.1  | 801.5  | 787.2  | 788.6  | 786.5  | 783.6  | 785.8  | 784.3  | 789.3  | 790.8  | 789.3  |
| 12.5°  | 735.0  | 728.6  | 712.8  | 705.0  | 696.4  | 690.0  | 697.8  | 692.1  | 712.1  | 717.8  | 733.6  |
| 15°    | 642.1  | 629.9  | 619.2  | 619.2  | 611.3  | 605.6  | 609.2  | 615.6  | 619.9  | 626.3  | 629.2  |
| 17.5°  | 579.9  | 574.8  | 566.3  | 561.3  | 559.1  | 557.0  | 557.0  | 559.8  | 569.1  | 568.4  | 574.1  |
| 20°    | 526.9  | 524.1  | 519.8  | 513.4  | 511.2  | 509.8  | 509.8  | 509.8  | 516.2  | 521.9  | 525.5  |
| 22.5°  | 490.5  | 488.3  | 485.5  | 476.9  | 472.6  | 471.2  | 474.7  | 476.9  | 481.9  | 486.2  | 489.8  |
| 25°    | 454.0  | 449.0  | 444.0  | 441.1  | 439.0  | 439.0  | 440.4  | 441.1  | 443.3  | 445.4  | 449.7  |
| 27.5°  | 424.0  | 420.4  | 413.3  | 405.4  | 405.4  | 403.3  | 404.7  | 406.1  | 411.1  | 418.3  | 421.8  |
| 30°    | 390.4  | 389.7  | 386.8  | 383.9  | 381.1  | 379.7  | 382.5  | 384.7  | 385.4  | 389.0  | 389.0  |
| 32.5°  | 366.1  | 361.1  | 356.1  | 353.2  | 351.8  | 351.1  | 351.8  | 354.6  | 354.6  | 358.9  | 363.9  |
| 35°    | 341.8  | 338.9  | 333.9  | 328.9  | 327.5  | 323.9  | 326.7  | 329.6  | 334.6  | 336.8  | 338.9  |
| 37.5°  | 315.3  | 311.7  | 309.6  | 308.2  | 305.3  | 306.0  | 303.9  | 308.2  | 312.4  | 311.7  | 313.2  |
| 40°    | 295.3  | 288.9  | 282.4  | 281.7  | 281.0  | 280.3  | 280.3  | 281.0  | 283.8  | 286.7  | 291.0  |
| 42.5°  | 269.5  | 267.4  | 261.7  | 256.0  | 254.5  | 253.1  | 251.7  | 254.5  | 260.3  | 265.3  | 267.4  |
| 45°    | 243.1  | 240.2  | 238.8  | 234.5  | 231.7  | 230.9  | 229.5  | 233.1  | 238.1  | 240.2  | 241.7  |
| 47.5°  | 218.8  | 218.1  | 213.8  | 214.5  | 212.4  | 213.1  | 212.4  | 214.5  | 214.5  | 216.6  | 218.1  |
| 50°    | 202.3  | 200.2  | 198.1  | 196.6  | 194.5  | 194.5  | 193.8  | 194.5  | 197.3  | 200.2  | 199.5  |
| 52.5°  | 185.9  | 182.3  | 181.6  | 180.9  | 179.5  | 180.9  | 178.7  | 179.5  | 182.3  | 183.8  | 183.0  |
| 55°    | 166.6  | 165.9  | 164.4  | 163.0  | 162.3  | 161.6  | 161.6  | 161.6  | 164.4  | 166.6  | 167.3  |
| 57.5°  | 151.6  | 148.0  | 145.1  | 145.1  | 142.3  | 141.6  | 143.0  | 143.7  | 145.9  | 147.3  | 148.7  |
| 60°    | 130.8  | 129.4  | 125.1  | 123.0  | 118.7  | 118.0  | 118.0  | 120.8  | 124.4  | 129.4  | 130.8  |
| 62.5°  | 108.7  | 106.5  | 105.8  | 105.8  | 105.8  | 105.8  | 105.8  | 105.8  | 105.8  | 106.5  | 106.5  |
| 65°    | 96.5   | 97.2   | 96.5   | 95.8   | 96.5   | 96.5   | 95.8   | 95.8   | 95.8   | 96.5   | 97.2   |
| 67.5°  | 86.5   | 85.8   | 86.5   | 85.8   | 85.1   | 85.1   | 84.4   | 85.1   | 85.8   | 86.5   | 86.5   |
| 70°    | 75.1   | 75.1   | 74.4   | 75.1   | 74.4   | 73.6   | 72.9   | 72.9   | 74.4   | 75.1   | 75.1   |
| 72.5°  | 64.3   | 64.3   | 63.6   | 63.6   | 62.2   | 62.2   | 62.9   | 62.2   | 62.2   | 64.3   | 64.3   |
| 75°    | 53.6   | 52.9   | 52.2   | 52.2   | 51.5   | 51.5   | 51.5   | 50.8   | 52.2   | 52.2   | 52.9   |
| 77.5°  | 42.2   | 42.2   | 42.2   | 41.5   | 41.5   | 40.8   | 40.8   | 41.5   | 41.5   | 41.5   | 42.2   |
| 80°    | 32.2   | 32.2   | 32.2   | 31.5   | 30.7   | 30.7   | 30.7   | 30.7   | 30.7   | 31.5   | 30.7   |
| 82.5°  | 22.2   | 22.2   | 22.2   | 22.2   | 22.2   | 21.4   | 21.4   | 21.4   | 22.2   | 22.2   | 21.4   |
| 85°    | 13.6   | 12.9   | 13.6   | 13.6   | 12.9   | 13.6   | 12.9   | 12.9   | 12.2   | 12.2   | 12.9   |
| 87.5°  | 5.7    | 5.0    | 4.3    | 4.3    | 5.0    | 4.3    | 4.3    | 4.3    | 5.0    | 4.3    | 4.3    |
| 90°    | 23.8   | 24.2   | 24.2   | 24.2   | 24.2   | 24.2   | 24.2   | 24.2   | 24.2   | 24.2   | 23.8   |
| 92.5°  | 52.2   | 49.2   | 48.5   | 45.5   | 46.3   | 44.8   | 46.3   | 45.5   | 48.5   | 49.2   | 52.2   |
| 95°    | 108.6  | 100.6  | 91.0   | 85.2   | 83.0   | 83.7   | 83.0   | 85.2   | 91.0   | 100.6  | 108.6  |
| 97.5°  | 218.0  | 196.0  | 167.4  | 152.7  | 144.6  | 140.2  | 144.6  | 152.7  | 167.4  | 196.0  | 218.0  |
| 100°   | 434.2  | 389.8  | 328.9  | 297.3  | 276.0  | 262.8  | 276.0  | 297.3  | 328.9  | 389.8  | 434.2  |
| 102.5° | 734.2  | 686.4  | 618.9  | 559.4  | 531.5  | 512.4  | 531.5  | 559.4  | 618.9  | 686.4  | 734.2  |
| 105°   | 972.4  | 960.3  | 914.7  | 869.2  | 837.7  | 827.4  | 837.7  | 869.2  | 914.7  | 960.3  | 972.4  |
| 107.5° | 1058.6 | 1073.3 | 1072.6 | 1066.0 | 1056.4 | 1039.5 | 1056.4 | 1066.0 | 1072.6 | 1073.3 | 1058.6 |
| 110°   | 1044.7 | 1074.8 | 1106.4 | 1120.3 | 1126.9 | 1126.2 | 1126.9 | 1120.3 | 1106.4 | 1074.8 | 1044.7 |



TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 997.3  | 1032.9 | 1079.9 | 1105.6 | 1119.6 | 1124.7 | 1119.6 | 1105.6 | 1079.9 | 1032.9 | 997.3  |
| 115°   | 939.3  | 977.1  | 1029.3 | 1063.0 | 1082.1 | 1088.7 | 1082.1 | 1063.0 | 1029.3 | 977.1  | 939.3  |
| 117.5° | 883.9  | 919.9  | 973.5  | 1009.4 | 1029.3 | 1034.4 | 1029.3 | 1009.4 | 973.5  | 919.9  | 883.9  |
| 120°   | 834.4  | 867.8  | 919.1  | 953.7  | 974.9  | 982.3  | 974.9  | 953.7  | 919.1  | 867.8  | 834.4  |
| 122.5° | 795.8  | 825.2  | 870.0  | 903.7  | 922.1  | 928.0  | 922.1  | 903.7  | 870.0  | 825.2  | 795.8  |
| 125°   | 761.0  | 788.5  | 831.0  | 858.9  | 877.3  | 883.2  | 877.3  | 858.9  | 831.0  | 788.5  | 761.0  |
| 127.5° | 731.2  | 756.9  | 794.3  | 820.8  | 836.9  | 841.3  | 836.9  | 820.8  | 794.3  | 756.9  | 731.2  |
| 130°   | 701.1  | 725.3  | 761.3  | 786.3  | 800.9  | 806.8  | 800.9  | 786.3  | 761.3  | 725.3  | 701.1  |
| 132.5° | 669.9  | 692.3  | 727.5  | 752.5  | 765.7  | 770.8  | 765.7  | 752.5  | 727.5  | 692.3  | 669.9  |
| 135°   | 639.4  | 660.0  | 691.6  | 715.8  | 729.0  | 731.9  | 729.0  | 715.8  | 691.6  | 660.0  | 639.4  |
| 137.5° | 608.6  | 627.0  | 657.1  | 678.3  | 690.1  | 694.5  | 690.1  | 678.3  | 657.1  | 627.0  | 608.6  |
| 140°   | 581.4  | 597.6  | 621.1  | 640.2  | 651.2  | 655.6  | 651.2  | 640.2  | 621.1  | 597.6  | 581.4  |
| 142.5° | 555.4  | 568.2  | 590.3  | 607.1  | 616.7  | 616.7  | 616.7  | 607.1  | 590.3  | 568.2  | 555.4  |
| 145°   | 534.0  | 544.7  | 562.4  | 574.8  | 582.2  | 584.4  | 582.2  | 574.8  | 562.4  | 544.7  | 534.0  |
| 147.5° | 515.4  | 523.4  | 538.9  | 549.1  | 554.3  | 555.7  | 554.3  | 549.1  | 538.9  | 523.4  | 515.4  |
| 150°   | 499.2  | 505.8  | 516.8  | 525.6  | 530.1  | 530.8  | 530.1  | 525.6  | 516.8  | 505.8  | 499.2  |
| 152.5° | 485.6  | 491.1  | 499.2  | 506.6  | 509.5  | 509.5  | 509.5  | 506.6  | 499.2  | 491.1  | 485.6  |
| 155°   | 472.4  | 476.5  | 484.5  | 489.7  | 492.6  | 491.1  | 492.6  | 489.7  | 484.5  | 476.5  | 472.4  |
| 157.5° | 459.9  | 463.2  | 469.1  | 473.5  | 475.0  | 475.0  | 475.0  | 473.5  | 469.1  | 463.2  | 459.9  |
| 160°   | 447.4  | 450.0  | 455.2  | 458.8  | 459.6  | 459.6  | 459.6  | 458.8  | 455.2  | 450.0  | 447.4  |
| 162.5° | 435.7  | 437.5  | 442.7  | 444.9  | 445.6  | 444.9  | 445.6  | 444.9  | 442.7  | 437.5  | 435.7  |
| 165°   | 424.4  | 425.8  | 428.7  | 431.7  | 431.7  | 430.9  | 431.7  | 431.7  | 428.7  | 425.8  | 424.4  |
| 167.5° | 414.0  | 415.5  | 417.0  | 418.5  | 418.5  | 417.7  | 418.5  | 418.5  | 417.0  | 415.5  | 414.0  |
| 170°   | 404.5  | 405.2  | 406.0  | 408.2  | 407.4  | 406.0  | 407.4  | 408.2  | 406.0  | 405.2  | 404.5  |
| 172.5° | 396.0  | 396.4  | 397.2  | 397.9  | 397.2  | 396.4  | 397.2  | 397.9  | 397.2  | 396.4  | 396.0  |
| 175°   | 389.5  | 389.8  | 389.8  | 390.6  | 389.8  | 388.4  | 389.8  | 390.6  | 389.8  | 389.8  | 389.5  |
| 177.5° | 384.7  | 384.7  | 384.7  | 384.7  | 384.0  | 382.5  | 384.0  | 384.7  | 384.7  | 384.7  | 384.7  |
| 180°   | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  | 381.8  |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 980.2  | 983.8  | 982.4  | 974.5  | 982.4  | 984.5  | 988.8  | 993.1  | 996.0  | 1000.3 | 1003.8 |
| 5°     | 918.8  | 925.9  | 930.2  | 925.9  | 940.2  | 942.3  | 952.4  | 958.1  | 966.7  | 973.8  | 979.5  |
| 7.5°   | 860.8  | 866.6  | 875.1  | 876.6  | 885.1  | 895.2  | 909.5  | 923.8  | 937.3  | 944.5  | 950.9  |
| 10°    | 798.6  | 808.6  | 821.5  | 818.7  | 831.5  | 847.3  | 862.3  | 885.1  | 896.6  | 909.5  | 920.9  |
| 12.5°  | 736.4  | 742.9  | 760.0  | 765.7  | 784.3  | 796.5  | 817.2  | 831.5  | 860.1  | 875.1  | 885.1  |
| 15°    | 627.8  | 654.2  | 675.7  | 701.4  | 725.7  | 748.6  | 767.2  | 792.9  | 817.9  | 829.4  | 845.8  |
| 17.5°  | 578.4  | 590.6  | 603.4  | 616.3  | 647.8  | 688.5  | 721.4  | 749.3  | 770.8  | 785.8  | 805.1  |
| 20°    | 526.9  | 539.1  | 553.4  | 565.6  | 584.9  | 614.2  | 654.9  | 702.8  | 728.6  | 744.3  | 762.9  |
| 22.5°  | 490.5  | 501.9  | 511.2  | 521.9  | 537.0  | 558.4  | 589.1  | 648.5  | 682.8  | 702.1  | 718.6  |
| 25°    | 451.2  | 465.5  | 475.5  | 483.3  | 495.5  | 519.1  | 544.1  | 577.7  | 639.2  | 654.2  | 677.1  |
| 27.5°  | 424.0  | 428.3  | 439.7  | 451.9  | 464.0  | 476.9  | 502.6  | 531.2  | 572.7  | 605.6  | 633.5  |
| 30°    | 391.8  | 402.5  | 413.3  | 418.3  | 429.0  | 447.6  | 463.3  | 494.1  | 526.2  | 552.0  | 585.6  |
| 32.5°  | 367.5  | 373.9  | 381.1  | 393.2  | 403.3  | 416.1  | 431.9  | 457.6  | 484.8  | 501.2  | 526.9  |
| 35°    | 340.3  | 344.6  | 359.6  | 364.6  | 374.7  | 387.5  | 403.3  | 423.3  | 452.6  | 465.5  | 484.0  |
| 37.5°  | 314.6  | 324.6  | 328.9  | 340.3  | 349.6  | 362.5  | 373.9  | 396.8  | 416.1  | 431.1  | 448.3  |
| 40°    | 294.6  | 298.9  | 306.7  | 316.7  | 324.6  | 334.6  | 348.9  | 365.4  | 386.1  | 398.2  | 413.3  |
| 42.5°  | 270.3  | 273.8  | 283.8  | 289.6  | 302.4  | 311.7  | 320.3  | 340.3  | 358.9  | 368.2  | 383.2  |
| 45°    | 243.8  | 252.4  | 258.8  | 270.3  | 277.4  | 288.9  | 299.6  | 313.9  | 331.0  | 341.8  | 350.3  |
| 47.5°  | 220.9  | 229.5  | 235.9  | 246.7  | 258.1  | 263.1  | 274.6  | 289.6  | 305.3  | 313.9  | 326.0  |
| 50°    | 202.3  | 205.2  | 217.4  | 222.4  | 234.5  | 244.5  | 252.4  | 265.3  | 282.4  | 287.4  | 297.4  |
| 52.5°  | 184.5  | 186.6  | 194.5  | 200.9  | 211.6  | 220.2  | 230.2  | 242.4  | 256.7  | 264.5  | 272.4  |
| 55°    | 168.7  | 170.2  | 173.7  | 180.9  | 188.0  | 198.8  | 208.1  | 219.5  | 231.7  | 240.2  | 247.4  |
| 57.5°  | 150.9  | 153.7  | 156.6  | 160.9  | 168.0  | 178.0  | 188.0  | 198.8  | 208.8  | 214.5  | 223.8  |
| 60°    | 130.1  | 134.4  | 139.4  | 144.4  | 149.4  | 156.6  | 168.0  | 178.0  | 187.3  | 192.3  | 199.5  |
| 62.5°  | 108.0  | 116.5  | 120.8  | 126.6  | 130.8  | 137.3  | 145.9  | 157.3  | 163.7  | 170.2  | 175.9  |
| 65°    | 97.2   | 98.0   | 98.7   | 104.4  | 112.3  | 118.7  | 126.6  | 135.1  | 145.1  | 149.4  | 153.7  |
| 67.5°  | 86.5   | 87.2   | 88.7   | 89.4   | 92.2   | 99.4   | 108.0  | 117.3  | 125.1  | 128.0  | 132.3  |
| 70°    | 75.8   | 75.8   | 78.6   | 79.4   | 80.1   | 80.8   | 87.9   | 97.2   | 104.4  | 108.0  | 113.0  |
| 72.5°  | 64.3   | 65.1   | 66.5   | 67.2   | 68.6   | 70.1   | 72.2   | 77.2   | 85.8   | 89.4   | 95.1   |
| 75°    | 52.9   | 53.6   | 54.3   | 55.1   | 57.2   | 57.9   | 60.1   | 62.9   | 66.5   | 70.8   | 74.4   |
| 77.5°  | 42.2   | 42.2   | 42.9   | 44.3   | 45.8   | 46.5   | 48.6   | 50.0   | 51.5   | 53.6   | 56.5   |
| 80°    | 31.5   | 32.2   | 32.2   | 33.6   | 33.6   | 34.3   | 35.0   | 37.2   | 38.6   | 40.0   | 41.5   |
| 82.5°  | 21.4   | 22.9   | 22.9   | 22.9   | 23.6   | 24.3   | 25.0   | 25.0   | 26.5   | 27.2   | 29.3   |
| 85°    | 12.9   | 13.6   | 13.6   | 13.6   | 12.9   | 14.3   | 14.3   | 15.0   | 15.0   | 15.0   | 15.7   |
| 87.5°  | 5.0    | 4.3    | 5.0    | 5.0    | 5.0    | 5.7    | 5.0    | 5.0    | 5.7    | 6.4    | 6.4    |
| 90°    | 23.5   | 22.0   | 23.5   | 24.2   | 25.0   | 24.2   | 19.8   | 14.7   | 11.0   | 9.9    | 8.8    |
| 92.5°  | 55.1   | 63.1   | 74.1   | 94.7   | 113.1  | 111.6  | 86.6   | 58.7   | 38.9   | 34.8   | 30.8   |
| 95°    | 116.7  | 147.6  | 192.3  | 251.8  | 287.8  | 254.7  | 169.6  | 105.7  | 71.9   | 63.1   | 54.3   |
| 97.5°  | 240.1  | 314.2  | 393.5  | 472.8  | 469.1  | 362.7  | 225.4  | 136.6  | 93.2   | 83.3   | 73.4   |
| 100°   | 478.7  | 579.2  | 670.3  | 685.7  | 580.0  | 399.4  | 240.8  | 151.2  | 112.3  | 102.0  | 91.8   |
| 102.5° | 781.9  | 848.7  | 851.6  | 765.0  | 583.6  | 385.4  | 241.5  | 164.4  | 129.2  | 119.0  | 108.7  |
| 105°   | 984.5  | 974.9  | 892.0  | 739.3  | 544.0  | 366.3  | 245.2  | 179.9  | 145.4  | 135.1  | 124.8  |
| 107.5° | 1044.0 | 972.0  | 848.7  | 685.0  | 507.3  | 356.1  | 253.3  | 195.3  | 161.5  | 151.2  | 141.0  |
| 110°   | 1014.6 | 920.6  | 789.2  | 634.3  | 482.3  | 353.1  | 263.6  | 210.7  | 178.4  | 167.8  | 157.1  |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 961.7 | 859.7 | 734.9 | 599.1 | 466.2 | 353.9 | 274.6 | 225.4 | 194.5 | 183.5  | 172.5 |
| 115°   | 901.5 | 805.4 | 692.3 | 571.2 | 455.2 | 356.8 | 285.6 | 240.8 | 209.2 | 199.3  | 189.4 |
| 117.5° | 847.9 | 758.4 | 657.1 | 552.1 | 449.3 | 361.2 | 297.3 | 254.7 | 225.4 | 215.1  | 204.8 |
| 120°   | 800.9 | 723.1 | 632.1 | 537.4 | 444.2 | 365.6 | 309.1 | 269.4 | 240.8 | 230.5  | 220.2 |
| 122.5° | 766.4 | 693.8 | 612.3 | 524.9 | 441.2 | 370.7 | 319.4 | 283.4 | 256.9 | 246.3  | 235.7 |
| 125°   | 733.4 | 668.8 | 593.2 | 513.2 | 437.5 | 375.9 | 330.4 | 297.3 | 270.9 | 260.6  | 250.3 |
| 127.5° | 705.5 | 643.8 | 574.1 | 502.2 | 435.3 | 381.0 | 340.6 | 310.5 | 284.8 | 274.2  | 263.6 |
| 130°   | 676.9 | 618.9 | 555.7 | 491.1 | 433.9 | 386.9 | 350.2 | 322.3 | 296.6 | 286.3  | 276.0 |
| 132.5° | 647.5 | 595.4 | 538.1 | 482.3 | 433.1 | 392.8 | 359.7 | 332.6 | 308.3 | 298.0  | 287.8 |
| 135°   | 618.9 | 570.4 | 522.0 | 474.3 | 432.4 | 397.2 | 367.8 | 342.1 | 318.6 | 308.4  | 298.1 |
| 137.5° | 590.3 | 550.6 | 508.8 | 468.4 | 432.4 | 401.6 | 374.4 | 350.2 | 326.7 | 317.2  | 307.6 |
| 140°   | 565.3 | 531.5 | 496.3 | 463.2 | 431.7 | 404.5 | 379.6 | 356.8 | 334.8 | 325.2  | 315.7 |
| 142.5° | 542.5 | 514.6 | 486.0 | 458.1 | 431.7 | 406.7 | 384.0 | 361.9 | 340.6 | 331.8  | 323.0 |
| 145°   | 523.4 | 500.7 | 476.5 | 453.7 | 430.2 | 408.2 | 387.6 | 367.1 | 347.2 | 339.2  | 331.1 |
| 147.5° | 507.3 | 488.9 | 469.1 | 449.3 | 428.0 | 408.9 | 389.8 | 371.5 | 352.4 | 345.0  | 337.7 |
| 150°   | 492.6 | 477.2 | 461.0 | 443.4 | 425.8 | 408.2 | 391.3 | 374.4 | 357.5 | 350.9  | 344.3 |
| 152.5° | 480.1 | 467.6 | 453.0 | 438.3 | 422.1 | 406.7 | 392.0 | 377.3 | 362.7 | 356.8  | 350.9 |
| 155°   | 468.4 | 457.4 | 445.6 | 431.7 | 417.7 | 405.2 | 392.8 | 380.3 | 367.8 | 362.3  | 356.8 |
| 157.5° | 456.6 | 447.1 | 436.8 | 425.8 | 413.3 | 402.3 | 392.8 | 382.5 | 371.5 | 366.7  | 361.9 |
| 160°   | 444.9 | 436.8 | 428.7 | 419.2 | 408.9 | 400.1 | 392.8 | 384.0 | 375.1 | 371.1  | 367.1 |
| 162.5° | 433.9 | 427.3 | 420.7 | 413.3 | 405.2 | 397.9 | 392.0 | 384.7 | 377.3 | 374.4  | 371.5 |
| 165°   | 422.9 | 417.7 | 412.6 | 406.7 | 400.1 | 395.0 | 390.6 | 385.4 | 378.8 | 376.6  | 374.4 |
| 167.5° | 412.6 | 408.9 | 404.5 | 400.1 | 395.7 | 392.0 | 389.8 | 385.4 | 380.3 | 378.8  | 377.3 |
| 170°   | 403.8 | 400.8 | 398.6 | 395.0 | 392.0 | 389.8 | 388.4 | 384.7 | 381.0 | 379.9  | 378.8 |
| 172.5° | 395.7 | 393.5 | 392.0 | 389.8 | 387.6 | 386.9 | 386.2 | 384.0 | 381.8 | 381.0  | 380.3 |
| 175°   | 389.1 | 388.4 | 387.6 | 385.4 | 384.7 | 384.0 | 384.7 | 383.2 | 381.8 | 381.4  | 381.0 |
| 177.5° | 384.7 | 384.0 | 384.0 | 382.5 | 381.8 | 382.5 | 384.0 | 382.5 | 381.8 | 381.8  | 381.8 |
| 180°   | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8 | 381.8  | 381.8 |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1028.9 | 1028.9 | 1028.9 | 1028.9 |
| 2.5°   | 1010.3 | 1008.1 | 1021.0 | 1035.3 |
| 5°     | 989.5  | 993.1  | 1009.6 | 1029.6 |
| 7.5°   | 968.1  | 976.0  | 995.3  | 1021.7 |
| 10°    | 938.1  | 952.4  | 981.7  | 1008.8 |
| 12.5°  | 908.7  | 928.0  | 955.9  | 988.1  |
| 15°    | 875.9  | 897.3  | 931.6  | 970.2  |
| 17.5°  | 839.4  | 863.7  | 903.7  | 945.9  |
| 20°    | 800.8  | 833.0  | 875.1  | 920.9  |
| 22.5°  | 757.9  | 796.5  | 840.1  | 890.9  |
| 25°    | 716.4  | 758.6  | 802.2  | 860.8  |
| 27.5°  | 675.7  | 717.1  | 765.7  | 825.1  |
| 30°    | 634.9  | 672.8  | 725.0  | 788.6  |
| 32.5°  | 591.3  | 630.6  | 685.7  | 750.7  |
| 35°    | 551.3  | 590.6  | 642.1  | 706.4  |
| 37.5°  | 508.4  | 550.5  | 599.9  | 666.4  |
| 40°    | 458.3  | 507.6  | 555.5  | 619.2  |
| 42.5°  | 416.8  | 469.0  | 515.5  | 575.6  |
| 45°    | 383.9  | 433.3  | 471.9  | 530.5  |
| 47.5°  | 353.2  | 393.2  | 432.6  | 486.9  |
| 50°    | 323.9  | 354.6  | 395.4  | 444.0  |
| 52.5°  | 293.9  | 320.3  | 355.3  | 401.1  |
| 55°    | 266.7  | 291.7  | 323.2  | 358.2  |
| 57.5°  | 241.7  | 259.5  | 291.0  | 322.5  |
| 60°    | 213.8  | 232.4  | 256.7  | 283.1  |
| 62.5°  | 190.2  | 204.5  | 227.4  | 249.5  |
| 65°    | 165.2  | 178.7  | 195.9  | 216.6  |
| 67.5°  | 142.3  | 154.4  | 168.0  | 184.5  |
| 70°    | 121.5  | 130.8  | 140.9  | 155.2  |
| 72.5°  | 99.4   | 109.4  | 118.7  | 130.1  |
| 75°    | 81.5   | 85.8   | 93.7   | 101.5  |
| 77.5°  | 62.9   | 68.6   | 72.9   | 79.4   |
| 80°    | 45.0   | 50.0   | 51.5   | 56.5   |
| 82.5°  | 30.0   | 32.9   | 35.7   | 37.2   |
| 85°    | 17.2   | 18.6   | 21.4   | 22.2   |
| 87.5°  | 6.4    | 7.1    | 8.6    | 10.0   |
| 90°    | 7.3    | 5.9    | 2.9    | 0.7    |
| 92.5°  | 25.0   | 21.3   | 15.4   | 11.0   |
| 95°    | 42.6   | 36.0   | 28.6   | 25.7   |
| 97.5°  | 60.2   | 50.7   | 42.6   | 38.2   |
| 100°   | 77.1   | 65.3   | 58.7   | 56.5   |
| 102.5° | 93.2   | 81.5   | 74.9   | 73.4   |
| 105°   | 108.7  | 97.6   | 92.5   | 89.6   |
| 107.5° | 124.8  | 114.5  | 109.4  | 107.2  |
| 110°   | 141.7  | 132.1  | 127.7  | 124.8  |

TEST NUMBER: P999819

CATALOG NUMBER: SA2XXRDIP-B485D725UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 157.8 | 149.0 | 143.9 | 141.0 |
| 115°   | 174.7 | 165.9 | 161.5 | 157.8 |
| 117.5° | 190.9 | 182.8 | 178.4 | 175.5 |
| 120°   | 205.6 | 199.0 | 194.5 | 191.6 |
| 122.5° | 221.0 | 213.6 | 209.2 | 207.0 |
| 125°   | 235.7 | 226.9 | 222.4 | 220.2 |
| 127.5° | 249.6 | 240.1 | 234.2 | 231.3 |
| 130°   | 261.4 | 251.1 | 243.7 | 240.8 |
| 132.5° | 272.4 | 261.4 | 253.3 | 249.6 |
| 135°   | 281.2 | 270.2 | 261.4 | 258.4 |
| 137.5° | 290.7 | 279.0 | 270.2 | 266.5 |
| 140°   | 299.5 | 287.8 | 279.0 | 276.0 |
| 142.5° | 307.6 | 295.9 | 287.8 | 285.6 |
| 145°   | 316.4 | 305.4 | 298.1 | 295.1 |
| 147.5° | 325.2 | 314.9 | 307.6 | 305.4 |
| 150°   | 333.3 | 323.8 | 317.9 | 315.7 |
| 152.5° | 340.6 | 332.6 | 326.7 | 326.0 |
| 155°   | 348.7 | 340.6 | 336.2 | 335.5 |
| 157.5° | 355.3 | 348.0 | 344.3 | 343.6 |
| 160°   | 361.2 | 355.3 | 352.4 | 351.7 |
| 162.5° | 366.3 | 361.9 | 359.0 | 359.7 |
| 165°   | 370.7 | 366.3 | 364.9 | 365.6 |
| 167.5° | 374.4 | 371.5 | 370.0 | 370.7 |
| 170°   | 377.3 | 375.1 | 374.4 | 375.9 |
| 172.5° | 379.6 | 377.3 | 378.1 | 378.8 |
| 175°   | 381.0 | 379.6 | 380.3 | 381.0 |
| 177.5° | 381.8 | 380.3 | 381.0 | 382.5 |
| 180°   | 381.8 | 381.8 | 381.8 | 381.8 |

(END OF REPORT)