

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: P999801

Luminaire Tested: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P999801  
REPORT IS A COMBINATION OF REPORTS P988356 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4  
Description: Define 2 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}  
{m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

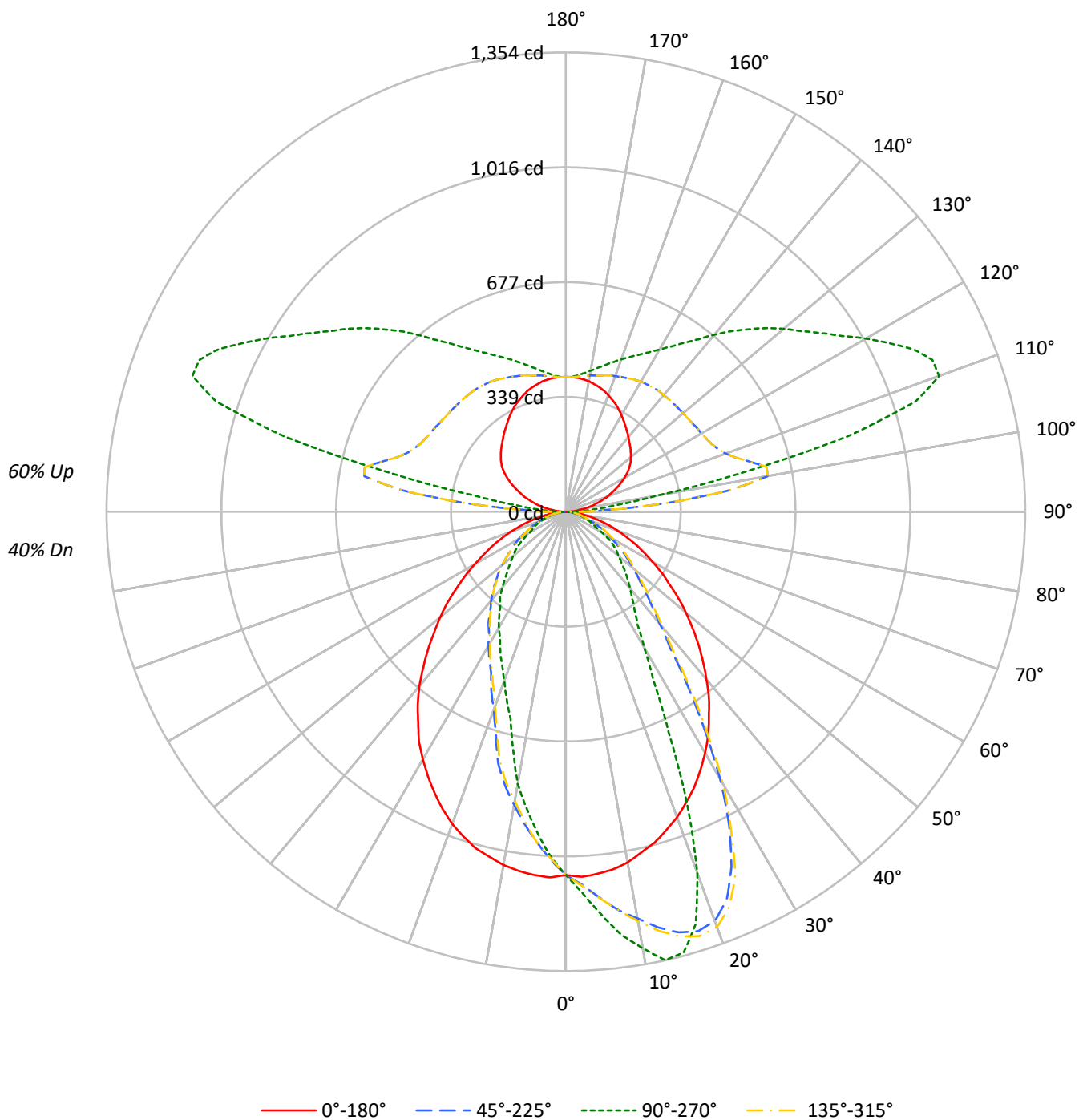
Lumens per Lamp: N/A  
Luminaire Lumens: 4617.0 lumens  
Efficiency: N/A  
Efficacy: 102.4 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

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

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CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P999801

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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  | 68 | 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°  | 16945 | 16945 | 16945 | 16945 |
| 5°  | 16986 | 17998 | 17044 | 14379 |
| 10° | 16798 | 19025 | 16917 | 11875 |
| 15° | 16433 | 19030 | 16712 | 8920  |
| 20° | 15995 | 15731 | 16343 | 7359  |
| 25° | 15464 | 9830  | 15797 | 6261  |
| 30° | 14786 | 6293  | 15187 | 5389  |
| 35° | 13959 | 4837  | 14411 | 4612  |
| 40° | 13038 | 4066  | 13597 | 4034  |
| 45° | 12056 | 3460  | 12560 | 3387  |
| 50° | 11048 | 2940  | 11565 | 2930  |
| 55° | 9931  | 2556  | 10467 | 2521  |
| 60° | 8940  | 1948  | 9413  | 1924  |
| 65° | 8013  | 1466  | 8489  | 1663  |
| 70° | 6990  | 1171  | 7540  | 1355  |
| 75° | 5907  | 898   | 6450  | 1026  |
| 80° | 4694  | 610   | 5046  | 673   |
| 85° | 3263  | 315   | 3574  | 332   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 15501 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 101.5  | 2.2       |
| 10°-20°   | 283.4  | 6.1       |
| 20°-30°   | 364.8  | 7.9       |
| 30°-40°   | 346.1  | 7.5       |
| 40°-50°   | 296.6  | 6.4       |
| 50°-60°   | 225.9  | 4.9       |
| 60°-70°   | 142.4  | 3.1       |
| 70°-80°   | 71.1   | 1.5       |
| 80°-90°   | 20.8   | 0.5       |
| 90°-100°  | 154.7  | 3.4       |
| 100°-110° | 545.0  | 11.8      |
| 110°-120° | 572.3  | 12.4      |
| 120°-130° | 470.9  | 10.2      |
| 130°-140° | 378.3  | 8.2       |
| 140°-150° | 285.7  | 6.2       |
| 150°-160° | 200.9  | 4.4       |
| 160°-170° | 118.2  | 2.6       |
| 170°-180° | 38.5   | 0.8       |
| 0°-30°    | 749.7  | 16.2      |
| 0°-40°    | 1095.8 | 23.7      |
| 0°-60°    | 1618.2 | 35.0      |
| 0°-90°    | 1852.6 | 40.1      |
| 90°-120°  | 1272.1 | 27.6      |
| 90°-150°  | 2406.9 | 52.1      |
| 90°-180°  | 2764.0 | 59.9      |
| 0°-180°   | 4617.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1070 | 1070 | 1070 | 1070 | 1070 |      |
| 5°   | 1071 | 1191 | 1075 | 952  | 1071 | 102  |
| 15°  | 1010 | 1344 | 1027 | 630  | 1010 | 284  |
| 25°  | 896  | 717  | 915  | 457  | 896  | 411  |
| 35°  | 735  | 353  | 759  | 337  | 735  | 460  |
| 45°  | 552  | 246  | 575  | 240  | 552  | 426  |
| 55°  | 373  | 170  | 393  | 168  | 373  | 336  |
| 65°  | 225  | 88   | 239  | 100  | 225  | 224  |
| 75°  | 106  | 47   | 115  | 54   | 106  | 114  |
| 85°  | 23   | 13   | 25   | 14   | 23   | 26   |
| 90°  | 1    | 25   | 1    | 25   | 1    | 3    |
| 95°  | 27   | 87   | 27   | 87   | 27   | 28   |
| 105° | 93   | 860  | 93   | 860  | 93   | 99   |
| 115° | 164  | 1132 | 164  | 1132 | 164  | 163  |
| 125° | 229  | 918  | 229  | 918  | 229  | 204  |
| 135° | 269  | 761  | 269  | 761  | 269  | 208  |
| 145° | 307  | 608  | 307  | 608  | 307  | 193  |
| 155° | 349  | 511  | 349  | 511  | 349  | 161  |
| 165° | 380  | 448  | 380  | 448  | 380  | 107  |
| 175° | 396  | 404  | 396  | 404  | 396  | 38   |
| 180° | 397  | 397  | 397  | 397  | 397  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1077.2 | 1081.7 | 1083.9 | 1086.9 | 1093.6 | 1098.1 | 1104.7 | 1106.2 | 1105.5 | 1108.5 | 1100.3 |
| 5°     | 1071.3 | 1080.9 | 1089.9 | 1097.3 | 1109.2 | 1116.6 | 1124.8 | 1134.5 | 1136.7 | 1147.9 | 1141.2 |
| 7.5°   | 1063.1 | 1077.2 | 1089.9 | 1104.7 | 1122.6 | 1132.3 | 1144.9 | 1159.8 | 1166.5 | 1179.9 | 1183.6 |
| 10°    | 1049.7 | 1069.8 | 1091.4 | 1107.0 | 1131.5 | 1148.6 | 1160.5 | 1184.3 | 1200.0 | 1220.1 | 1217.1 |
| 12.5°  | 1028.1 | 1054.2 | 1083.2 | 1109.2 | 1141.2 | 1152.4 | 1174.7 | 1199.2 | 1219.3 | 1237.9 | 1254.3 |
| 15°    | 1009.5 | 1039.3 | 1071.3 | 1103.3 | 1139.7 | 1160.5 | 1182.9 | 1214.8 | 1236.4 | 1269.2 | 1283.3 |
| 17.5°  | 984.2  | 1022.2 | 1060.1 | 1095.8 | 1139.0 | 1162.8 | 1190.3 | 1221.5 | 1253.5 | 1284.8 | 1295.9 |
| 20°    | 958.2  | 999.1  | 1040.0 | 1088.4 | 1137.5 | 1160.5 | 1188.8 | 1227.5 | 1258.7 | 1283.3 | 1283.3 |
| 22.5°  | 926.9  | 976.8  | 1023.7 | 1069.8 | 1123.3 | 1156.8 | 1185.8 | 1231.2 | 1253.5 | 1258.7 | 1238.7 |
| 25°    | 895.7  | 945.5  | 996.9  | 1054.2 | 1115.2 | 1144.9 | 1177.7 | 1220.1 | 1227.5 | 1206.7 | 1154.6 |
| 27.5°  | 858.5  | 914.3  | 972.3  | 1034.1 | 1098.1 | 1135.2 | 1165.0 | 1193.3 | 1179.1 | 1123.3 | 1042.3 |
| 30°    | 820.6  | 880.8  | 946.3  | 1005.1 | 1082.4 | 1116.6 | 1141.9 | 1150.1 | 1105.5 | 1014.7 | 909.8  |
| 32.5°  | 781.1  | 839.9  | 909.1  | 979.8  | 1057.9 | 1090.6 | 1107.0 | 1085.4 | 1003.6 | 889.0  | 761.0  |
| 35°    | 735.0  | 801.2  | 873.4  | 947.0  | 1024.4 | 1049.0 | 1058.6 | 1005.8 | 900.9  | 752.9  | 625.7  |
| 37.5°  | 693.3  | 759.6  | 836.9  | 912.1  | 987.2  | 1000.6 | 990.9  | 908.3  | 775.2  | 628.6  | 504.4  |
| 40°    | 644.2  | 714.9  | 790.8  | 874.9  | 936.6  | 940.3  | 916.5  | 809.4  | 644.2  | 506.6  | 430.0  |
| 42.5°  | 598.9  | 670.3  | 746.2  | 831.7  | 878.6  | 865.9  | 834.0  | 693.3  | 537.9  | 436.7  | 374.9  |
| 45°    | 552.0  | 619.7  | 701.5  | 777.4  | 810.9  | 781.1  | 732.8  | 583.2  | 451.6  | 375.7  | 328.1  |
| 47.5°  | 506.6  | 569.9  | 650.9  | 723.9  | 729.8  | 696.3  | 639.0  | 488.8  | 391.3  | 330.3  | 291.6  |
| 50°    | 462.0  | 525.2  | 601.1  | 661.4  | 655.4  | 609.3  | 544.6  | 424.8  | 340.0  | 291.6  | 259.6  |
| 52.5°  | 417.3  | 474.6  | 548.3  | 595.9  | 570.6  | 526.0  | 462.0  | 360.1  | 296.8  | 254.4  | 229.9  |
| 55°    | 372.7  | 426.3  | 489.5  | 528.9  | 488.8  | 437.4  | 392.1  | 308.7  | 257.4  | 223.2  | 204.6  |
| 57.5°  | 335.5  | 377.9  | 435.9  | 459.8  | 411.4  | 371.2  | 331.8  | 265.6  | 223.2  | 198.6  | 177.1  |
| 60°    | 294.6  | 333.3  | 380.9  | 395.0  | 345.2  | 312.5  | 279.0  | 224.7  | 191.2  | 169.6  | 155.5  |
| 62.5°  | 259.6  | 291.6  | 328.1  | 328.1  | 284.2  | 259.6  | 234.3  | 188.2  | 160.7  | 143.6  | 136.9  |
| 65°    | 225.4  | 248.5  | 274.5  | 271.5  | 234.3  | 212.8  | 192.7  | 155.5  | 134.7  | 122.7  | 116.1  |
| 67.5°  | 191.9  | 209.8  | 226.9  | 216.5  | 189.7  | 171.1  | 152.5  | 125.7  | 111.6  | 103.4  | 94.5   |
| 70°    | 161.4  | 175.6  | 184.5  | 174.8  | 148.0  | 132.4  | 119.0  | 101.2  | 90.0   | 79.6   | 74.4   |
| 72.5°  | 135.4  | 141.3  | 144.3  | 132.4  | 110.1  | 101.2  | 91.5   | 78.9   | 69.2   | 64.0   | 62.5   |
| 75°    | 105.6  | 110.8  | 108.6  | 99.7   | 81.1   | 74.4   | 67.0   | 58.0   | 55.8   | 52.8   | 51.3   |
| 77.5°  | 82.6   | 82.6   | 78.9   | 70.7   | 58.0   | 52.8   | 49.8   | 45.4   | 43.1   | 42.4   | 40.9   |
| 80°    | 58.8   | 58.0   | 55.8   | 46.9   | 39.4   | 36.5   | 36.5   | 33.5   | 32.7   | 31.2   | 31.2   |
| 82.5°  | 38.7   | 38.7   | 35.7   | 28.3   | 26.0   | 25.3   | 24.5   | 23.1   | 23.1   | 22.3   | 22.3   |
| 85°    | 23.1   | 21.6   | 17.9   | 15.6   | 14.9   | 14.9   | 14.1   | 13.4   | 14.1   | 13.4   | 13.4   |
| 87.5°  | 10.4   | 8.2    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    |
| 90°    | 0.8    | 3.1    | 6.1    | 7.6    | 9.2    | 10.4   | 11.5   | 15.3   | 20.6   | 25.2   | 26.0   |
| 92.5°  | 11.5   | 16.0   | 22.1   | 26.0   | 32.1   | 36.3   | 40.5   | 61.1   | 90.1   | 116.0  | 117.6  |
| 95°    | 26.7   | 29.8   | 37.4   | 44.3   | 56.5   | 65.6   | 74.8   | 109.9  | 176.3  | 264.9  | 299.2  |
| 97.5°  | 39.7   | 44.3   | 52.7   | 62.6   | 76.3   | 86.6   | 97.0   | 142.0  | 234.4  | 377.1  | 487.8  |
| 100°   | 58.8   | 61.1   | 67.9   | 80.2   | 95.4   | 106.1  | 116.8  | 157.3  | 250.4  | 415.3  | 603.1  |
| 102.5° | 76.3   | 77.9   | 84.7   | 97.0   | 113.0  | 123.7  | 134.4  | 171.0  | 251.2  | 400.8  | 606.9  |
| 105°   | 93.1   | 96.2   | 101.5  | 113.0  | 129.8  | 140.5  | 151.2  | 187.0  | 255.0  | 380.9  | 565.7  |
| 107.5° | 111.5  | 113.7  | 119.1  | 129.8  | 146.6  | 157.2  | 167.9  | 203.1  | 263.4  | 370.2  | 527.5  |
| 110°   | 129.8  | 132.8  | 137.4  | 147.3  | 163.4  | 174.4  | 185.5  | 219.1  | 274.1  | 367.2  | 501.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 146.6 | 149.6 | 155.0 | 164.1 | 179.4 | 190.9 | 202.3 | 234.4 | 285.5 | 368.0 | 484.8 |
| 115°   | 164.1 | 167.9 | 172.5 | 181.7 | 197.0 | 207.3 | 217.6 | 250.4 | 297.0 | 371.0 | 473.3 |
| 117.5° | 182.4 | 185.5 | 190.1 | 198.5 | 213.0 | 223.7 | 234.4 | 264.9 | 309.2 | 375.6 | 467.2 |
| 120°   | 199.2 | 202.3 | 206.9 | 213.7 | 229.0 | 239.7 | 250.4 | 280.2 | 321.4 | 380.2 | 461.8 |
| 122.5° | 215.3 | 217.6 | 222.1 | 229.8 | 245.0 | 256.1 | 267.2 | 294.7 | 332.1 | 385.5 | 458.8 |
| 125°   | 229.0 | 231.3 | 235.9 | 245.0 | 260.3 | 271.0 | 281.7 | 309.2 | 343.5 | 390.9 | 455.0 |
| 127.5° | 240.5 | 243.5 | 249.6 | 259.6 | 274.1 | 285.2 | 296.2 | 322.9 | 354.2 | 396.2 | 452.7 |
| 130°   | 250.4 | 253.4 | 261.1 | 271.8 | 287.0 | 297.7 | 308.4 | 335.1 | 364.1 | 402.3 | 451.2 |
| 132.5° | 259.6 | 263.4 | 271.8 | 283.2 | 299.2 | 309.9 | 320.6 | 345.8 | 374.1 | 408.4 | 450.4 |
| 135°   | 268.7 | 271.8 | 280.9 | 292.4 | 309.9 | 320.6 | 331.3 | 355.7 | 382.5 | 413.0 | 449.6 |
| 137.5° | 277.1 | 280.9 | 290.1 | 302.3 | 319.9 | 329.8 | 339.7 | 364.1 | 389.3 | 417.6 | 449.6 |
| 140°   | 287.0 | 290.1 | 299.2 | 311.5 | 328.3 | 338.2 | 348.1 | 371.0 | 394.7 | 420.6 | 448.9 |
| 142.5° | 297.0 | 299.2 | 307.6 | 319.9 | 335.9 | 345.0 | 354.2 | 376.3 | 399.3 | 422.9 | 448.9 |
| 145°   | 306.9 | 309.9 | 317.6 | 329.0 | 344.3 | 352.7 | 361.1 | 381.7 | 403.1 | 424.4 | 447.3 |
| 147.5° | 317.6 | 319.9 | 327.5 | 338.2 | 351.2 | 358.8 | 366.4 | 386.3 | 405.4 | 425.2 | 445.1 |
| 150°   | 328.3 | 330.5 | 336.7 | 346.6 | 358.0 | 364.9 | 371.8 | 389.3 | 406.9 | 424.4 | 442.8 |
| 152.5° | 338.9 | 339.7 | 345.8 | 354.2 | 364.9 | 371.0 | 377.1 | 392.4 | 407.6 | 422.9 | 438.9 |
| 155°   | 348.9 | 349.6 | 354.2 | 362.6 | 371.0 | 376.8 | 382.5 | 395.4 | 408.4 | 421.4 | 434.4 |
| 157.5° | 357.3 | 358.0 | 361.8 | 369.5 | 376.3 | 381.3 | 386.3 | 397.7 | 408.4 | 418.3 | 429.8 |
| 160°   | 365.7 | 366.4 | 369.5 | 375.6 | 381.7 | 385.9 | 390.1 | 399.3 | 408.4 | 416.0 | 425.2 |
| 162.5° | 374.1 | 373.3 | 376.3 | 380.9 | 386.3 | 389.4 | 392.4 | 400.0 | 407.6 | 413.8 | 421.4 |
| 165°   | 380.2 | 379.4 | 380.9 | 385.5 | 389.3 | 391.6 | 393.9 | 400.8 | 406.1 | 410.7 | 416.0 |
| 167.5° | 385.5 | 384.7 | 386.3 | 389.3 | 392.4 | 393.9 | 395.4 | 400.8 | 405.4 | 407.6 | 411.5 |
| 170°   | 390.9 | 389.3 | 390.1 | 392.4 | 393.9 | 395.0 | 396.2 | 400.0 | 403.8 | 405.4 | 407.6 |
| 172.5° | 393.9 | 393.1 | 392.4 | 394.7 | 395.4 | 396.2 | 397.0 | 399.3 | 401.5 | 402.3 | 403.1 |
| 175°   | 396.2 | 395.4 | 394.7 | 396.2 | 396.2 | 396.6 | 397.0 | 398.5 | 400.0 | 399.3 | 400.0 |
| 177.5° | 397.7 | 396.2 | 395.4 | 397.0 | 397.0 | 397.0 | 397.0 | 397.7 | 399.3 | 397.7 | 397.0 |
| 180°   | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1108.5 | 1110.0 | 1112.2 | 1122.6 | 1124.1 | 1127.1 | 1125.6 | 1125.6 | 1126.3 | 1124.8 | 1125.6 |
| 5°     | 1156.1 | 1158.3 | 1169.5 | 1182.1 | 1185.1 | 1182.1 | 1185.8 | 1191.0 | 1191.0 | 1191.0 | 1189.6 |
| 7.5°   | 1200.7 | 1208.9 | 1221.5 | 1240.1 | 1243.9 | 1247.6 | 1254.3 | 1249.8 | 1251.3 | 1258.0 | 1255.8 |
| 10°    | 1243.9 | 1255.8 | 1269.9 | 1285.5 | 1293.7 | 1298.9 | 1301.9 | 1308.6 | 1324.2 | 1306.4 | 1313.0 |
| 12.5°  | 1284.8 | 1301.9 | 1316.8 | 1333.9 | 1339.8 | 1346.5 | 1348.8 | 1354.7 | 1354.7 | 1354.0 | 1359.2 |
| 15°    | 1311.6 | 1327.2 | 1340.6 | 1351.7 | 1353.2 | 1351.7 | 1350.2 | 1351.0 | 1353.2 | 1344.3 | 1349.5 |
| 17.5°  | 1317.5 | 1319.0 | 1323.5 | 1319.0 | 1319.7 | 1304.1 | 1295.2 | 1293.0 | 1272.1 | 1272.9 | 1290.0 |
| 20°    | 1288.5 | 1263.2 | 1256.5 | 1232.0 | 1217.1 | 1176.9 | 1175.4 | 1164.3 | 1120.4 | 1133.8 | 1130.8 |
| 22.5°  | 1208.9 | 1165.7 | 1108.5 | 1080.2 | 1066.1 | 1023.7 | 990.9  | 967.9  | 952.2  | 936.6  | 929.9  |
| 25°    | 1104.0 | 1034.1 | 953.0  | 897.2  | 889.0  | 849.6  | 789.3  | 761.0  | 727.6  | 717.2  | 735.0  |
| 27.5°  | 968.6  | 877.8  | 786.3  | 700.8  | 685.2  | 649.5  | 619.0  | 598.9  | 560.2  | 558.0  | 559.4  |
| 30°    | 784.9  | 693.3  | 616.7  | 560.9  | 522.2  | 505.9  | 485.8  | 470.9  | 455.3  | 461.2  | 462.7  |
| 32.5°  | 645.0  | 558.0  | 486.5  | 456.8  | 438.9  | 428.5  | 411.4  | 401.7  | 395.0  | 392.8  | 392.1  |
| 35°    | 512.6  | 454.5  | 422.6  | 393.5  | 383.1  | 375.7  | 363.0  | 358.6  | 352.6  | 353.4  | 353.4  |
| 37.5°  | 438.9  | 390.6  | 366.8  | 351.9  | 342.2  | 338.5  | 330.3  | 325.8  | 322.1  | 320.6  | 322.9  |
| 40°    | 378.7  | 345.2  | 330.3  | 316.9  | 308.7  | 307.2  | 302.8  | 297.6  | 293.1  | 293.9  | 296.1  |
| 42.5°  | 334.8  | 315.4  | 297.6  | 287.2  | 281.2  | 279.0  | 275.3  | 271.5  | 271.5  | 269.3  | 268.6  |
| 45°    | 299.8  | 284.2  | 269.3  | 259.6  | 255.9  | 252.9  | 248.5  | 247.7  | 244.8  | 245.5  | 246.2  |
| 47.5°  | 268.6  | 255.9  | 244.8  | 235.1  | 231.4  | 230.6  | 226.2  | 223.2  | 223.2  | 222.4  | 221.7  |
| 50°    | 240.3  | 227.6  | 218.0  | 212.8  | 207.6  | 206.1  | 205.3  | 204.6  | 203.1  | 203.1  | 203.8  |
| 52.5°  | 217.2  | 204.6  | 197.1  | 192.7  | 189.7  | 188.2  | 188.2  | 187.5  | 187.5  | 187.5  | 186.7  |
| 55°    | 191.9  | 181.5  | 175.6  | 174.1  | 172.6  | 171.8  | 171.1  | 169.6  | 168.9  | 170.4  | 168.9  |
| 57.5°  | 168.1  | 164.4  | 159.2  | 157.7  | 154.0  | 154.0  | 151.8  | 150.3  | 148.8  | 150.3  | 150.3  |
| 60°    | 149.5  | 144.3  | 141.3  | 136.9  | 133.9  | 130.9  | 127.2  | 126.5  | 125.0  | 124.2  | 123.5  |
| 62.5°  | 130.2  | 125.7  | 118.3  | 111.6  | 107.1  | 104.2  | 102.7  | 101.9  | 101.9  | 101.2  | 101.2  |
| 65°    | 108.6  | 98.2   | 94.5   | 92.2   | 91.5   | 90.8   | 89.3   | 88.5   | 89.3   | 88.5   | 89.3   |
| 67.5°  | 84.8   | 83.3   | 81.1   | 79.6   | 78.9   | 78.1   | 78.1   | 77.4   | 77.4   | 77.4   | 77.4   |
| 70°    | 73.6   | 69.9   | 69.2   | 67.7   | 67.7   | 67.0   | 67.0   | 67.0   | 67.0   | 66.2   | 67.7   |
| 72.5°  | 61.0   | 58.8   | 58.0   | 57.3   | 57.3   | 57.3   | 56.5   | 56.5   | 56.5   | 55.8   | 56.5   |
| 75°    | 49.8   | 49.1   | 47.6   | 47.6   | 46.9   | 47.6   | 46.9   | 46.9   | 46.1   | 46.9   | 46.9   |
| 77.5°  | 40.2   | 39.4   | 38.7   | 38.7   | 37.9   | 37.9   | 37.9   | 37.9   | 37.9   | 37.9   | 38.7   |
| 80°    | 30.5   | 29.8   | 29.0   | 29.8   | 29.0   | 29.8   | 29.0   | 29.0   | 29.8   | 29.0   | 29.0   |
| 82.5°  | 22.3   | 21.6   | 21.6   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   |
| 85°    | 13.4   | 12.6   | 12.6   | 13.4   | 12.6   | 13.4   | 12.6   | 12.6   | 12.6   | 13.4   | 13.4   |
| 87.5°  | 6.0    | 6.7    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.0    | 6.7    |
| 90°    | 25.2   | 24.4   | 22.9   | 24.4   | 24.8   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   |
| 92.5°  | 98.5   | 77.1   | 65.7   | 57.3   | 54.2   | 51.1   | 50.4   | 47.3   | 48.1   | 46.6   | 48.1   |
| 95°    | 261.8  | 200.0  | 153.4  | 121.4  | 113.0  | 104.6  | 94.7   | 88.6   | 86.3   | 87.0   | 86.3   |
| 97.5°  | 491.6  | 409.2  | 326.7  | 249.6  | 226.7  | 203.8  | 174.1  | 158.8  | 150.4  | 145.8  | 150.4  |
| 100°   | 713.0  | 697.0  | 602.3  | 497.7  | 451.6  | 405.4  | 342.0  | 309.2  | 287.0  | 273.3  | 287.0  |
| 102.5° | 795.4  | 885.5  | 882.5  | 813.0  | 763.4  | 713.8  | 643.5  | 581.7  | 552.7  | 532.8  | 552.7  |
| 105°   | 768.7  | 927.5  | 1013.8 | 1023.7 | 1011.1 | 998.5  | 951.2  | 903.9  | 871.0  | 860.3  | 871.0  |
| 107.5° | 712.2  | 882.5  | 1010.7 | 1085.5 | 1100.8 | 1116.1 | 1115.3 | 1108.4 | 1098.5 | 1081.0 | 1098.5 |
| 110°   | 659.6  | 820.6  | 957.3  | 1055.0 | 1086.3 | 1117.6 | 1150.4 | 1164.9 | 1171.8 | 1171.0 | 1171.8 |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 622.9 | 764.2 | 893.9 | 1000.0 | 1037.0 | 1074.1 | 1122.9 | 1149.7 | 1164.2 | 1169.5 | 1164.2 |
| 115°   | 593.9 | 719.9 | 837.4 | 937.4  | 976.8  | 1016.1 | 1070.3 | 1105.4 | 1125.2 | 1132.1 | 1125.2 |
| 117.5° | 574.1 | 683.2 | 788.6 | 881.7  | 919.1  | 956.5  | 1012.3 | 1049.7 | 1070.3 | 1075.6 | 1070.3 |
| 120°   | 558.8 | 657.3 | 751.9 | 832.9  | 867.6  | 902.3  | 955.8  | 991.6  | 1013.8 | 1021.4 | 1013.8 |
| 122.5° | 545.8 | 636.7 | 721.4 | 797.0  | 827.5  | 858.0  | 904.6  | 939.7  | 958.8  | 964.9  | 958.8  |
| 125°   | 533.6 | 616.8 | 695.4 | 762.6  | 791.2  | 819.9  | 864.2  | 893.2  | 912.2  | 918.4  | 912.2  |
| 127.5° | 522.2 | 597.0 | 669.5 | 733.6  | 760.4  | 787.1  | 826.0  | 853.5  | 870.3  | 874.8  | 870.3  |
| 130°   | 510.7 | 577.9 | 643.5 | 703.8  | 729.0  | 754.2  | 791.6  | 817.6  | 832.9  | 839.0  | 832.9  |
| 132.5° | 501.5 | 559.6 | 619.1 | 673.3  | 696.6  | 719.9  | 756.5  | 782.5  | 796.2  | 801.6  | 796.2  |
| 135°   | 493.1 | 542.8 | 593.2 | 643.5  | 664.9  | 686.3  | 719.1  | 744.3  | 758.0  | 761.1  | 758.0  |
| 137.5° | 487.0 | 529.0 | 572.5 | 613.8  | 632.8  | 651.9  | 683.2  | 705.4  | 717.6  | 722.2  | 717.6  |
| 140°   | 481.7 | 516.0 | 552.7 | 587.8  | 604.6  | 621.4  | 645.8  | 665.7  | 677.1  | 681.7  | 677.1  |
| 142.5° | 476.4 | 505.4 | 535.1 | 564.1  | 577.5  | 590.9  | 613.8  | 631.3  | 641.2  | 641.2  | 641.2  |
| 145°   | 471.8 | 495.4 | 520.6 | 544.3  | 555.3  | 566.4  | 584.8  | 597.7  | 605.4  | 607.7  | 605.4  |
| 147.5° | 467.2 | 487.8 | 508.4 | 527.5  | 535.9  | 544.3  | 560.3  | 571.0  | 576.4  | 577.9  | 576.4  |
| 150°   | 461.1 | 479.4 | 496.2 | 512.2  | 519.1  | 526.0  | 537.4  | 546.6  | 551.2  | 551.9  | 551.2  |
| 152.5° | 455.7 | 471.0 | 486.3 | 499.3  | 505.0  | 510.7  | 519.1  | 526.7  | 529.8  | 529.8  | 529.8  |
| 155°   | 448.9 | 463.4 | 475.6 | 487.0  | 491.2  | 495.4  | 503.8  | 509.2  | 512.2  | 510.7  | 512.2  |
| 157.5° | 442.8 | 454.2 | 464.9 | 474.8  | 478.2  | 481.7  | 487.8  | 492.4  | 493.9  | 493.9  | 493.9  |
| 160°   | 435.9 | 445.8 | 454.2 | 462.6  | 465.3  | 468.0  | 473.3  | 477.1  | 477.9  | 477.9  | 477.9  |
| 162.5° | 429.8 | 437.4 | 444.3 | 451.2  | 453.1  | 455.0  | 460.3  | 462.6  | 463.4  | 462.6  | 463.4  |
| 165°   | 422.9 | 429.0 | 434.4 | 439.7  | 441.2  | 442.8  | 445.8  | 448.9  | 448.9  | 448.1  | 448.9  |
| 167.5° | 416.0 | 420.6 | 425.2 | 429.0  | 430.6  | 432.1  | 433.6  | 435.1  | 435.1  | 434.4  | 435.1  |
| 170°   | 410.7 | 414.5 | 416.8 | 419.9  | 420.6  | 421.4  | 422.2  | 424.4  | 423.7  | 422.2  | 423.7  |
| 172.5° | 405.4 | 407.6 | 409.2 | 411.5  | 411.8  | 412.2  | 413.0  | 413.8  | 413.0  | 412.2  | 413.0  |
| 175°   | 400.8 | 403.1 | 403.8 | 404.6  | 405.0  | 405.4  | 405.4  | 406.1  | 405.4  | 403.8  | 405.4  |
| 177.5° | 397.7 | 399.3 | 399.3 | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 399.3  | 397.7  | 399.3  |
| 180°   | 397.0 | 397.0 | 397.0 | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1128.6 | 1123.3 | 1121.9 | 1123.3 | 1121.9 | 1122.6 | 1117.4 | 1098.1 | 1103.3 | 1095.1 | 1099.5 |
| 5°     | 1192.5 | 1188.1 | 1178.4 | 1176.9 | 1175.4 | 1173.9 | 1166.5 | 1149.4 | 1142.7 | 1131.5 | 1130.8 |
| 7.5°   | 1253.5 | 1253.5 | 1246.1 | 1240.9 | 1234.2 | 1229.0 | 1219.3 | 1194.0 | 1183.6 | 1170.2 | 1162.8 |
| 10°    | 1313.8 | 1294.4 | 1302.6 | 1297.4 | 1281.1 | 1278.1 | 1260.2 | 1245.4 | 1225.3 | 1211.9 | 1200.0 |
| 12.5°  | 1356.9 | 1351.0 | 1343.5 | 1339.1 | 1334.6 | 1325.0 | 1313.0 | 1275.1 | 1264.7 | 1237.9 | 1224.5 |
| 15°    | 1355.5 | 1351.7 | 1354.0 | 1354.0 | 1352.5 | 1350.2 | 1340.6 | 1313.0 | 1295.2 | 1269.2 | 1246.1 |
| 17.5°  | 1282.5 | 1292.2 | 1301.9 | 1308.6 | 1323.5 | 1330.2 | 1339.1 | 1322.7 | 1311.6 | 1289.2 | 1264.7 |
| 20°    | 1155.3 | 1179.1 | 1207.4 | 1213.4 | 1226.8 | 1266.2 | 1284.0 | 1298.2 | 1302.6 | 1295.2 | 1275.1 |
| 22.5°  | 978.3  | 998.4  | 1066.8 | 1065.3 | 1084.7 | 1131.5 | 1183.6 | 1226.0 | 1259.5 | 1278.1 | 1270.6 |
| 25°    | 766.3  | 794.5  | 831.0  | 858.5  | 921.7  | 991.7  | 1056.4 | 1124.1 | 1182.1 | 1233.4 | 1246.1 |
| 27.5°  | 579.5  | 616.7  | 645.7  | 682.2  | 714.2  | 796.8  | 880.1  | 985.7  | 1053.4 | 1150.9 | 1201.5 |
| 30°    | 468.7  | 485.8  | 514.8  | 531.9  | 547.5  | 610.8  | 705.3  | 809.4  | 928.4  | 1040.8 | 1127.8 |
| 32.5°  | 400.2  | 412.1  | 433.7  | 441.2  | 457.5  | 499.9  | 559.4  | 654.7  | 777.4  | 913.6  | 1028.1 |
| 35°    | 359.3  | 372.0  | 376.4  | 383.1  | 396.5  | 423.3  | 464.2  | 533.4  | 644.2  | 777.4  | 914.3  |
| 37.5°  | 324.4  | 331.1  | 343.7  | 348.2  | 352.6  | 372.7  | 400.2  | 448.6  | 522.2  | 631.6  | 783.4  |
| 40°    | 299.8  | 303.5  | 310.2  | 313.9  | 316.9  | 331.1  | 355.6  | 388.3  | 442.6  | 526.0  | 665.8  |
| 42.5°  | 273.8  | 278.2  | 282.7  | 287.2  | 290.9  | 302.0  | 316.9  | 348.2  | 384.6  | 447.8  | 549.0  |
| 45°    | 248.5  | 251.5  | 256.7  | 259.6  | 264.8  | 273.8  | 287.2  | 308.7  | 341.5  | 381.6  | 463.5  |
| 47.5°  | 225.4  | 229.1  | 231.4  | 235.1  | 238.8  | 248.5  | 261.1  | 275.3  | 302.0  | 341.5  | 401.0  |
| 50°    | 204.6  | 209.0  | 212.0  | 212.8  | 215.7  | 224.7  | 235.1  | 250.7  | 267.8  | 298.3  | 350.4  |
| 52.5°  | 189.7  | 190.4  | 192.7  | 195.7  | 194.9  | 200.1  | 209.8  | 221.7  | 239.5  | 264.1  | 302.0  |
| 55°    | 172.6  | 174.8  | 176.3  | 177.1  | 177.1  | 181.5  | 186.7  | 197.9  | 212.0  | 232.1  | 264.1  |
| 57.5°  | 151.0  | 153.3  | 157.7  | 159.2  | 161.4  | 163.7  | 165.9  | 173.3  | 185.2  | 204.6  | 230.6  |
| 60°    | 128.7  | 130.2  | 134.7  | 137.6  | 139.1  | 145.1  | 148.0  | 154.0  | 160.7  | 174.8  | 199.4  |
| 62.5°  | 103.4  | 104.9  | 107.1  | 110.1  | 113.1  | 122.0  | 129.4  | 135.4  | 140.6  | 150.3  | 170.4  |
| 65°    | 90.0   | 90.8   | 92.2   | 93.0   | 93.7   | 97.5   | 104.2  | 112.3  | 122.0  | 129.4  | 141.3  |
| 67.5°  | 78.1   | 78.9   | 79.6   | 81.1   | 81.8   | 82.6   | 85.6   | 87.8   | 97.5   | 107.9  | 116.8  |
| 70°    | 67.0   | 68.4   | 69.2   | 69.2   | 69.9   | 71.4   | 72.9   | 75.9   | 78.9   | 84.1   | 95.2   |
| 72.5°  | 56.5   | 57.3   | 58.8   | 58.8   | 58.8   | 60.3   | 61.7   | 63.2   | 64.7   | 67.7   | 72.2   |
| 75°    | 46.9   | 48.4   | 48.4   | 48.4   | 49.1   | 49.1   | 50.6   | 52.1   | 53.6   | 55.8   | 57.3   |
| 77.5°  | 38.7   | 38.7   | 38.7   | 38.7   | 39.4   | 39.4   | 40.2   | 41.7   | 42.4   | 43.1   | 44.6   |
| 80°    | 29.0   | 29.8   | 29.8   | 29.8   | 30.5   | 30.5   | 30.5   | 32.0   | 32.7   | 32.7   | 34.2   |
| 82.5°  | 21.6   | 21.6   | 21.6   | 22.3   | 21.6   | 22.3   | 22.3   | 23.1   | 22.3   | 23.1   | 23.8   |
| 85°    | 13.4   | 13.4   | 13.4   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.9   |
| 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°    | 25.2   | 25.2   | 25.2   | 24.8   | 24.4   | 22.9   | 24.4   | 25.2   | 26.0   | 25.2   | 20.6   |
| 92.5°  | 47.3   | 50.4   | 51.1   | 54.2   | 57.3   | 65.7   | 77.1   | 98.5   | 117.6  | 116.0  | 90.1   |
| 95°    | 88.6   | 94.7   | 104.6  | 113.0  | 121.4  | 153.4  | 200.0  | 261.8  | 299.2  | 264.9  | 176.3  |
| 97.5°  | 158.8  | 174.1  | 203.8  | 226.7  | 249.6  | 326.7  | 409.2  | 491.6  | 487.8  | 377.1  | 234.4  |
| 100°   | 309.2  | 342.0  | 405.4  | 451.6  | 497.7  | 602.3  | 697.0  | 713.0  | 603.1  | 415.3  | 250.4  |
| 102.5° | 581.7  | 643.5  | 713.8  | 763.4  | 813.0  | 882.5  | 885.5  | 795.4  | 606.9  | 400.8  | 251.2  |
| 105°   | 903.9  | 951.2  | 998.5  | 1011.1 | 1023.7 | 1013.8 | 927.5  | 768.7  | 565.7  | 380.9  | 255.0  |
| 107.5° | 1108.4 | 1115.3 | 1116.1 | 1100.8 | 1085.5 | 1010.7 | 882.5  | 712.2  | 527.5  | 370.2  | 263.4  |
| 110°   | 1164.9 | 1150.4 | 1117.6 | 1086.3 | 1055.0 | 957.3  | 820.6  | 659.6  | 501.5  | 367.2  | 274.1  |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1149.7 | 1122.9 | 1074.1 | 1037.0 | 1000.0 | 893.9 | 764.2 | 622.9 | 484.8 | 368.0 | 285.5 |
| 115°   | 1105.4 | 1070.3 | 1016.1 | 976.8  | 937.4  | 837.4 | 719.9 | 593.9 | 473.3 | 371.0 | 297.0 |
| 117.5° | 1049.7 | 1012.3 | 956.5  | 919.1  | 881.7  | 788.6 | 683.2 | 574.1 | 467.2 | 375.6 | 309.2 |
| 120°   | 991.6  | 955.8  | 902.3  | 867.6  | 832.9  | 751.9 | 657.3 | 558.8 | 461.8 | 380.2 | 321.4 |
| 122.5° | 939.7  | 904.6  | 858.0  | 827.5  | 797.0  | 721.4 | 636.7 | 545.8 | 458.8 | 385.5 | 332.1 |
| 125°   | 893.2  | 864.2  | 819.9  | 791.2  | 762.6  | 695.4 | 616.8 | 533.6 | 455.0 | 390.9 | 343.5 |
| 127.5° | 853.5  | 826.0  | 787.1  | 760.4  | 733.6  | 669.5 | 597.0 | 522.2 | 452.7 | 396.2 | 354.2 |
| 130°   | 817.6  | 791.6  | 754.2  | 729.0  | 703.8  | 643.5 | 577.9 | 510.7 | 451.2 | 402.3 | 364.1 |
| 132.5° | 782.5  | 756.5  | 719.9  | 696.6  | 673.3  | 619.1 | 559.6 | 501.5 | 450.4 | 408.4 | 374.1 |
| 135°   | 744.3  | 719.1  | 686.3  | 664.9  | 643.5  | 593.2 | 542.8 | 493.1 | 449.6 | 413.0 | 382.5 |
| 137.5° | 705.4  | 683.2  | 651.9  | 632.8  | 613.8  | 572.5 | 529.0 | 487.0 | 449.6 | 417.6 | 389.3 |
| 140°   | 665.7  | 645.8  | 621.4  | 604.6  | 587.8  | 552.7 | 516.0 | 481.7 | 448.9 | 420.6 | 394.7 |
| 142.5° | 631.3  | 613.8  | 590.9  | 577.5  | 564.1  | 535.1 | 505.4 | 476.4 | 448.9 | 422.9 | 399.3 |
| 145°   | 597.7  | 584.8  | 566.4  | 555.3  | 544.3  | 520.6 | 495.4 | 471.8 | 447.3 | 424.4 | 403.1 |
| 147.5° | 571.0  | 560.3  | 544.3  | 535.9  | 527.5  | 508.4 | 487.8 | 467.2 | 445.1 | 425.2 | 405.4 |
| 150°   | 546.6  | 537.4  | 526.0  | 519.1  | 512.2  | 496.2 | 479.4 | 461.1 | 442.8 | 424.4 | 406.9 |
| 152.5° | 526.7  | 519.1  | 510.7  | 505.0  | 499.3  | 486.3 | 471.0 | 455.7 | 438.9 | 422.9 | 407.6 |
| 155°   | 509.2  | 503.8  | 495.4  | 491.2  | 487.0  | 475.6 | 463.4 | 448.9 | 434.4 | 421.4 | 408.4 |
| 157.5° | 492.4  | 487.8  | 481.7  | 478.2  | 474.8  | 464.9 | 454.2 | 442.8 | 429.8 | 418.3 | 408.4 |
| 160°   | 477.1  | 473.3  | 468.0  | 465.3  | 462.6  | 454.2 | 445.8 | 435.9 | 425.2 | 416.0 | 408.4 |
| 162.5° | 462.6  | 460.3  | 455.0  | 453.1  | 451.2  | 444.3 | 437.4 | 429.8 | 421.4 | 413.8 | 407.6 |
| 165°   | 448.9  | 445.8  | 442.8  | 441.2  | 439.7  | 434.4 | 429.0 | 422.9 | 416.0 | 410.7 | 406.1 |
| 167.5° | 435.1  | 433.6  | 432.1  | 430.6  | 429.0  | 425.2 | 420.6 | 416.0 | 411.5 | 407.6 | 405.4 |
| 170°   | 424.4  | 422.2  | 421.4  | 420.6  | 419.9  | 416.8 | 414.5 | 410.7 | 407.6 | 405.4 | 403.8 |
| 172.5° | 413.8  | 413.0  | 412.2  | 411.8  | 411.5  | 409.2 | 407.6 | 405.4 | 403.1 | 402.3 | 401.5 |
| 175°   | 406.1  | 405.4  | 405.4  | 405.0  | 404.6  | 403.8 | 403.1 | 400.8 | 400.0 | 399.3 | 400.0 |
| 177.5° | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 399.3 | 399.3 | 397.7 | 397.0 | 397.7 | 399.3 |
| 180°   | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1092.8 | 1089.1 | 1089.1 | 1086.9 | 1086.9 | 1075.0 | 1075.0 | 1078.7 | 1074.2 | 1069.0 | 1061.6 |
| 5°     | 1121.1 | 1112.9 | 1110.7 | 1107.7 | 1098.1 | 1083.2 | 1077.2 | 1075.0 | 1066.1 | 1054.9 | 1042.3 |
| 7.5°   | 1147.9 | 1134.5 | 1127.8 | 1121.1 | 1108.5 | 1087.6 | 1075.7 | 1067.5 | 1054.2 | 1037.0 | 1020.7 |
| 10°    | 1173.9 | 1156.8 | 1139.7 | 1131.5 | 1113.7 | 1087.6 | 1070.5 | 1057.1 | 1037.8 | 1014.7 | 991.7  |
| 12.5°  | 1197.7 | 1162.0 | 1159.1 | 1142.7 | 1116.6 | 1086.9 | 1060.9 | 1041.5 | 1017.0 | 990.2  | 963.4  |
| 15°    | 1218.6 | 1182.1 | 1164.3 | 1149.4 | 1115.2 | 1078.0 | 1050.4 | 1026.6 | 993.9  | 963.4  | 930.7  |
| 17.5°  | 1229.0 | 1189.6 | 1177.7 | 1153.1 | 1118.1 | 1069.8 | 1032.6 | 1003.6 | 967.9  | 931.4  | 894.2  |
| 20°    | 1239.4 | 1193.3 | 1173.9 | 1156.8 | 1109.2 | 1054.2 | 1012.5 | 979.0  | 939.6  | 896.4  | 855.5  |
| 22.5°  | 1244.6 | 1193.3 | 1170.2 | 1146.4 | 1100.3 | 1037.0 | 987.9  | 948.5  | 902.4  | 858.5  | 809.4  |
| 25°    | 1235.7 | 1188.8 | 1161.3 | 1136.7 | 1084.7 | 1016.2 | 959.7  | 915.0  | 865.9  | 816.1  | 766.3  |
| 27.5°  | 1213.4 | 1178.4 | 1146.4 | 1121.1 | 1063.1 | 989.4  | 929.9  | 879.3  | 828.7  | 773.0  | 722.4  |
| 30°    | 1171.7 | 1156.1 | 1130.8 | 1102.5 | 1039.3 | 965.6  | 895.0  | 842.9  | 787.1  | 731.3  | 678.5  |
| 32.5°  | 1107.0 | 1120.4 | 1104.0 | 1079.5 | 1011.0 | 932.9  | 857.8  | 804.9  | 743.9  | 683.7  | 635.3  |
| 35°    | 1028.1 | 1075.7 | 1066.8 | 1049.7 | 981.3  | 897.9  | 822.8  | 758.8  | 697.8  | 636.8  | 588.5  |
| 37.5°  | 941.8  | 1014.0 | 1021.4 | 1011.0 | 947.0  | 862.2  | 779.6  | 717.2  | 654.7  | 592.9  | 543.8  |
| 40°    | 823.5  | 934.4  | 958.2  | 962.7  | 911.3  | 819.1  | 732.8  | 671.8  | 610.0  | 549.8  | 490.3  |
| 42.5°  | 714.9  | 854.8  | 884.5  | 903.1  | 865.9  | 776.7  | 689.6  | 621.9  | 560.9  | 506.6  | 447.1  |
| 45°    | 613.0  | 758.8  | 807.2  | 831.0  | 814.6  | 728.3  | 638.3  | 575.1  | 519.3  | 469.4  | 412.1  |
| 47.5°  | 508.1  | 654.7  | 722.4  | 760.3  | 760.3  | 679.2  | 589.2  | 526.7  | 473.1  | 430.7  | 380.2  |
| 50°    | 438.2  | 560.2  | 630.1  | 680.0  | 693.3  | 629.4  | 544.6  | 483.6  | 433.0  | 386.8  | 348.2  |
| 52.5°  | 373.5  | 482.8  | 540.8  | 592.9  | 631.6  | 575.8  | 494.7  | 439.7  | 389.8  | 346.7  | 316.2  |
| 55°    | 322.9  | 404.7  | 457.5  | 514.8  | 558.0  | 521.5  | 446.4  | 392.8  | 349.7  | 313.9  | 287.9  |
| 57.5°  | 274.5  | 345.9  | 389.1  | 439.7  | 485.8  | 458.3  | 398.0  | 351.9  | 313.9  | 282.7  | 259.6  |
| 60°    | 233.6  | 291.6  | 325.1  | 364.5  | 421.8  | 402.5  | 352.6  | 310.2  | 279.7  | 251.5  | 232.1  |
| 62.5°  | 198.6  | 244.8  | 273.0  | 301.3  | 353.4  | 344.4  | 305.8  | 273.0  | 247.0  | 223.2  | 206.8  |
| 65°    | 162.9  | 200.9  | 223.2  | 247.7  | 289.4  | 293.1  | 261.9  | 238.8  | 215.0  | 194.2  | 179.3  |
| 67.5°  | 131.7  | 161.4  | 181.5  | 202.4  | 235.8  | 246.2  | 224.7  | 205.3  | 185.2  | 168.1  | 154.7  |
| 70°    | 106.4  | 127.2  | 142.1  | 158.5  | 186.0  | 198.6  | 187.5  | 174.1  | 157.7  | 143.6  | 131.7  |
| 72.5°  | 84.1   | 97.5   | 106.4  | 119.0  | 141.3  | 154.0  | 153.3  | 141.3  | 129.4  | 119.8  | 110.1  |
| 75°    | 61.7   | 72.2   | 79.6   | 87.8   | 105.6  | 117.5  | 120.5  | 115.3  | 103.4  | 96.0   | 88.5   |
| 77.5°  | 46.9   | 52.8   | 56.5   | 62.5   | 75.1   | 85.6   | 90.0   | 88.5   | 80.3   | 74.4   | 69.2   |
| 80°    | 35.7   | 37.2   | 38.7   | 40.9   | 51.3   | 61.0   | 64.0   | 63.2   | 58.8   | 56.5   | 50.6   |
| 82.5°  | 25.3   | 26.0   | 26.8   | 27.5   | 31.2   | 39.4   | 42.4   | 43.9   | 40.2   | 37.9   | 32.7   |
| 85°    | 14.9   | 15.6   | 15.6   | 17.1   | 17.9   | 20.1   | 25.3   | 25.3   | 24.5   | 21.6   | 20.8   |
| 87.5°  | 7.4    | 7.4    | 6.7    | 6.7    | 7.4    | 8.2    | 9.7    | 11.2   | 9.7    | 8.9    | 8.2    |
| 90°    | 15.3   | 11.5   | 10.4   | 9.2    | 7.6    | 6.1    | 3.1    | 0.8    | 3.1    | 6.1    | 7.6    |
| 92.5°  | 61.1   | 40.5   | 36.3   | 32.1   | 26.0   | 22.1   | 16.0   | 11.5   | 16.0   | 22.1   | 26.0   |
| 95°    | 109.9  | 74.8   | 65.6   | 56.5   | 44.3   | 37.4   | 29.8   | 26.7   | 29.8   | 37.4   | 44.3   |
| 97.5°  | 142.0  | 97.0   | 86.6   | 76.3   | 62.6   | 52.7   | 44.3   | 39.7   | 44.3   | 52.7   | 62.6   |
| 100°   | 157.3  | 116.8  | 106.1  | 95.4   | 80.2   | 67.9   | 61.1   | 58.8   | 61.1   | 67.9   | 80.2   |
| 102.5° | 171.0  | 134.4  | 123.7  | 113.0  | 97.0   | 84.7   | 77.9   | 76.3   | 77.9   | 84.7   | 97.0   |
| 105°   | 187.0  | 151.2  | 140.5  | 129.8  | 113.0  | 101.5  | 96.2   | 93.1   | 96.2   | 101.5  | 113.0  |
| 107.5° | 203.1  | 167.9  | 157.2  | 146.6  | 129.8  | 119.1  | 113.7  | 111.5  | 113.7  | 119.1  | 129.8  |
| 110°   | 219.1  | 185.5  | 174.4  | 163.4  | 147.3  | 137.4  | 132.8  | 129.8  | 132.8  | 137.4  | 147.3  |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 234.4 | 202.3 | 190.9  | 179.4 | 164.1 | 155.0 | 149.6 | 146.6 | 149.6 | 155.0 | 164.1 |
| 115°   | 250.4 | 217.6 | 207.3  | 197.0 | 181.7 | 172.5 | 167.9 | 164.1 | 167.9 | 172.5 | 181.7 |
| 117.5° | 264.9 | 234.4 | 223.7  | 213.0 | 198.5 | 190.1 | 185.5 | 182.4 | 185.5 | 190.1 | 198.5 |
| 120°   | 280.2 | 250.4 | 239.7  | 229.0 | 213.7 | 206.9 | 202.3 | 199.2 | 202.3 | 206.9 | 213.7 |
| 122.5° | 294.7 | 267.2 | 256.1  | 245.0 | 229.8 | 222.1 | 217.6 | 215.3 | 217.6 | 222.1 | 229.8 |
| 125°   | 309.2 | 281.7 | 271.0  | 260.3 | 245.0 | 235.9 | 231.3 | 229.0 | 231.3 | 235.9 | 245.0 |
| 127.5° | 322.9 | 296.2 | 285.2  | 274.1 | 259.6 | 249.6 | 243.5 | 240.5 | 243.5 | 249.6 | 259.6 |
| 130°   | 335.1 | 308.4 | 297.7  | 287.0 | 271.8 | 261.1 | 253.4 | 250.4 | 253.4 | 261.1 | 271.8 |
| 132.5° | 345.8 | 320.6 | 309.9  | 299.2 | 283.2 | 271.8 | 263.4 | 259.6 | 263.4 | 271.8 | 283.2 |
| 135°   | 355.7 | 331.3 | 320.6  | 309.9 | 292.4 | 280.9 | 271.8 | 268.7 | 271.8 | 280.9 | 292.4 |
| 137.5° | 364.1 | 339.7 | 329.8  | 319.9 | 302.3 | 290.1 | 280.9 | 277.1 | 280.9 | 290.1 | 302.3 |
| 140°   | 371.0 | 348.1 | 338.2  | 328.3 | 311.5 | 299.2 | 290.1 | 287.0 | 290.1 | 299.2 | 311.5 |
| 142.5° | 376.3 | 354.2 | 345.0  | 335.9 | 319.9 | 307.6 | 299.2 | 297.0 | 299.2 | 307.6 | 319.9 |
| 145°   | 381.7 | 361.1 | 352.7  | 344.3 | 329.0 | 317.6 | 309.9 | 306.9 | 309.9 | 317.6 | 329.0 |
| 147.5° | 386.3 | 366.4 | 358.8  | 351.2 | 338.2 | 327.5 | 319.9 | 317.6 | 319.9 | 327.5 | 338.2 |
| 150°   | 389.3 | 371.8 | 364.9  | 358.0 | 346.6 | 336.7 | 330.5 | 328.3 | 330.5 | 336.7 | 346.6 |
| 152.5° | 392.4 | 377.1 | 371.0  | 364.9 | 354.2 | 345.8 | 339.7 | 338.9 | 339.7 | 345.8 | 354.2 |
| 155°   | 395.4 | 382.5 | 376.8  | 371.0 | 362.6 | 354.2 | 349.6 | 348.9 | 349.6 | 354.2 | 362.6 |
| 157.5° | 397.7 | 386.3 | 381.3  | 376.3 | 369.5 | 361.8 | 358.0 | 357.3 | 358.0 | 361.8 | 369.5 |
| 160°   | 399.3 | 390.1 | 385.9  | 381.7 | 375.6 | 369.5 | 366.4 | 365.7 | 366.4 | 369.5 | 375.6 |
| 162.5° | 400.0 | 392.4 | 389.4  | 386.3 | 380.9 | 376.3 | 373.3 | 374.1 | 373.3 | 376.3 | 380.9 |
| 165°   | 400.8 | 393.9 | 391.6  | 389.3 | 385.5 | 380.9 | 379.4 | 380.2 | 379.4 | 380.9 | 385.5 |
| 167.5° | 400.8 | 395.4 | 393.9  | 392.4 | 389.3 | 386.3 | 384.7 | 385.5 | 384.7 | 386.3 | 389.3 |
| 170°   | 400.0 | 396.2 | 395.0  | 393.9 | 392.4 | 390.1 | 389.3 | 390.9 | 389.3 | 390.1 | 392.4 |
| 172.5° | 399.3 | 397.0 | 396.2  | 395.4 | 394.7 | 392.4 | 393.1 | 393.9 | 393.1 | 392.4 | 394.7 |
| 175°   | 398.5 | 397.0 | 396.6  | 396.2 | 396.2 | 394.7 | 395.4 | 396.2 | 395.4 | 394.7 | 396.2 |
| 177.5° | 397.7 | 397.0 | 397.0  | 397.0 | 397.0 | 395.4 | 396.2 | 397.7 | 396.2 | 395.4 | 397.0 |
| 180°   | 397.0 | 397.0 | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1058.6 | 1059.4 | 1061.6 | 1054.9 | 1044.5 | 1040.0 | 1026.6 | 1024.4 | 1022.2 | 1022.2 | 1024.4 |
| 5°     | 1034.8 | 1031.8 | 1032.6 | 1019.9 | 1005.1 | 996.1  | 977.5  | 980.5  | 970.8  | 964.9  | 966.4  |
| 7.5°   | 1008.8 | 1000.6 | 999.9  | 983.5  | 964.9  | 948.5  | 929.2  | 924.7  | 915.8  | 905.4  | 900.9  |
| 10°    | 976.0  | 970.1  | 958.9  | 940.3  | 916.5  | 903.1  | 877.1  | 861.5  | 859.2  | 843.6  | 837.7  |
| 12.5°  | 942.6  | 932.2  | 921.0  | 895.0  | 868.2  | 846.6  | 827.3  | 810.1  | 798.2  | 784.9  | 775.9  |
| 15°    | 903.9  | 891.2  | 878.6  | 851.1  | 819.8  | 798.2  | 769.2  | 743.9  | 709.0  | 681.4  | 665.8  |
| 17.5°  | 861.5  | 847.3  | 830.2  | 799.7  | 769.2  | 739.5  | 685.9  | 656.2  | 631.6  | 615.2  | 605.6  |
| 20°    | 817.6  | 802.0  | 784.9  | 754.4  | 701.5  | 649.5  | 619.7  | 596.6  | 581.8  | 565.4  | 553.5  |
| 22.5°  | 771.5  | 755.1  | 736.5  | 688.9  | 633.1  | 596.6  | 573.6  | 552.0  | 530.4  | 521.5  | 515.5  |
| 25°    | 728.3  | 713.4  | 689.6  | 624.9  | 581.0  | 547.5  | 521.5  | 507.4  | 496.2  | 484.3  | 473.1  |
| 27.5°  | 683.7  | 656.2  | 622.7  | 568.4  | 540.8  | 506.6  | 488.0  | 477.6  | 458.3  | 450.1  | 444.9  |
| 30°    | 630.1  | 599.6  | 567.6  | 528.9  | 496.9  | 473.1  | 456.0  | 438.9  | 427.8  | 419.6  | 410.7  |
| 32.5°  | 575.8  | 546.8  | 526.7  | 486.5  | 462.7  | 438.2  | 421.8  | 411.4  | 395.0  | 389.8  | 386.1  |
| 35°    | 528.9  | 504.4  | 486.5  | 453.8  | 431.5  | 409.2  | 397.3  | 381.6  | 371.2  | 361.6  | 355.6  |
| 37.5°  | 482.8  | 469.4  | 450.8  | 423.3  | 399.5  | 381.6  | 365.3  | 360.1  | 345.9  | 340.7  | 334.8  |
| 40°    | 450.8  | 430.7  | 415.1  | 391.3  | 371.2  | 351.9  | 341.5  | 329.6  | 319.9  | 311.7  | 309.5  |
| 42.5°  | 412.1  | 397.3  | 388.3  | 362.3  | 341.5  | 330.3  | 317.7  | 304.3  | 296.8  | 290.1  | 282.0  |
| 45°    | 383.1  | 369.7  | 357.1  | 336.3  | 317.7  | 303.5  | 292.4  | 283.4  | 270.8  | 267.8  | 255.2  |
| 47.5°  | 352.6  | 339.2  | 329.6  | 308.7  | 291.6  | 278.2  | 270.0  | 258.1  | 247.7  | 241.0  | 235.1  |
| 50°    | 322.1  | 311.0  | 302.0  | 284.2  | 269.3  | 255.2  | 244.0  | 232.1  | 227.6  | 216.5  | 212.8  |
| 52.5°  | 293.1  | 285.7  | 276.0  | 258.9  | 244.0  | 232.1  | 220.2  | 210.5  | 203.8  | 197.9  | 193.4  |
| 55°    | 268.6  | 256.7  | 252.2  | 233.6  | 220.9  | 208.3  | 197.9  | 191.9  | 183.8  | 180.0  | 176.3  |
| 57.5°  | 241.0  | 234.3  | 226.9  | 212.8  | 198.6  | 186.7  | 179.3  | 170.4  | 165.9  | 161.4  | 158.5  |
| 60°    | 217.2  | 207.6  | 201.6  | 189.7  | 177.1  | 165.9  | 159.2  | 152.5  | 146.6  | 142.8  | 136.9  |
| 62.5°  | 189.7  | 182.3  | 178.5  | 165.9  | 155.5  | 145.1  | 139.1  | 132.4  | 128.0  | 121.3  | 113.8  |
| 65°    | 165.9  | 159.9  | 155.5  | 145.1  | 135.4  | 125.7  | 119.8  | 111.6  | 105.6  | 101.9  | 101.2  |
| 67.5°  | 145.1  | 140.6  | 133.9  | 124.2  | 114.6  | 107.1  | 100.4  | 93.7   | 93.0   | 91.5   | 91.5   |
| 70°    | 122.0  | 117.5  | 113.8  | 103.4  | 95.2   | 87.0   | 85.6   | 83.3   | 81.1   | 80.3   | 78.9   |
| 72.5°  | 101.9  | 98.2   | 93.7   | 84.8   | 76.6   | 74.4   | 72.9   | 71.4   | 69.2   | 68.4   | 67.7   |
| 75°    | 82.6   | 77.4   | 74.4   | 66.2   | 64.0   | 62.5   | 61.0   | 58.8   | 57.3   | 56.5   | 55.1   |
| 77.5°  | 63.2   | 58.0   | 58.0   | 53.6   | 52.1   | 49.8   | 48.4   | 46.9   | 46.1   | 44.6   | 44.6   |
| 80°    | 44.6   | 44.6   | 43.1   | 40.9   | 38.7   | 37.9   | 35.7   | 35.0   | 34.2   | 35.0   | 33.5   |
| 82.5°  | 32.7   | 29.8   | 29.8   | 28.3   | 26.8   | 26.0   | 24.5   | 24.5   | 23.8   | 23.8   | 23.8   |
| 85°    | 18.6   | 18.6   | 17.9   | 16.4   | 15.6   | 15.6   | 14.9   | 14.9   | 14.1   | 14.1   | 13.4   |
| 87.5°  | 7.4    | 6.7    | 7.4    | 6.7    | 6.7    | 6.0    | 6.0    | 6.0    | 5.2    | 6.0    | 5.2    |
| 90°    | 9.2    | 10.4   | 11.5   | 15.3   | 20.6   | 25.2   | 26.0   | 25.2   | 24.4   | 22.9   | 24.4   |
| 92.5°  | 32.1   | 36.3   | 40.5   | 61.1   | 90.1   | 116.0  | 117.6  | 98.5   | 77.1   | 65.7   | 57.3   |
| 95°    | 56.5   | 65.6   | 74.8   | 109.9  | 176.3  | 264.9  | 299.2  | 261.8  | 200.0  | 153.4  | 121.4  |
| 97.5°  | 76.3   | 86.6   | 97.0   | 142.0  | 234.4  | 377.1  | 487.8  | 491.6  | 409.2  | 326.7  | 249.6  |
| 100°   | 95.4   | 106.1  | 116.8  | 157.3  | 250.4  | 415.3  | 603.1  | 713.0  | 697.0  | 602.3  | 497.7  |
| 102.5° | 113.0  | 123.7  | 134.4  | 171.0  | 251.2  | 400.8  | 606.9  | 795.4  | 885.5  | 882.5  | 813.0  |
| 105°   | 129.8  | 140.5  | 151.2  | 187.0  | 255.0  | 380.9  | 565.7  | 768.7  | 927.5  | 1013.8 | 1023.7 |
| 107.5° | 146.6  | 157.2  | 167.9  | 203.1  | 263.4  | 370.2  | 527.5  | 712.2  | 882.5  | 1010.7 | 1085.5 |
| 110°   | 163.4  | 174.4  | 185.5  | 219.1  | 274.1  | 367.2  | 501.5  | 659.6  | 820.6  | 957.3  | 1055.0 |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 179.4 | 190.9  | 202.3 | 234.4 | 285.5 | 368.0 | 484.8 | 622.9 | 764.2 | 893.9 | 1000.0 |
| 115°   | 197.0 | 207.3  | 217.6 | 250.4 | 297.0 | 371.0 | 473.3 | 593.9 | 719.9 | 837.4 | 937.4  |
| 117.5° | 213.0 | 223.7  | 234.4 | 264.9 | 309.2 | 375.6 | 467.2 | 574.1 | 683.2 | 788.6 | 881.7  |
| 120°   | 229.0 | 239.7  | 250.4 | 280.2 | 321.4 | 380.2 | 461.8 | 558.8 | 657.3 | 751.9 | 832.9  |
| 122.5° | 245.0 | 256.1  | 267.2 | 294.7 | 332.1 | 385.5 | 458.8 | 545.8 | 636.7 | 721.4 | 797.0  |
| 125°   | 260.3 | 271.0  | 281.7 | 309.2 | 343.5 | 390.9 | 455.0 | 533.6 | 616.8 | 695.4 | 762.6  |
| 127.5° | 274.1 | 285.2  | 296.2 | 322.9 | 354.2 | 396.2 | 452.7 | 522.2 | 597.0 | 669.5 | 733.6  |
| 130°   | 287.0 | 297.7  | 308.4 | 335.1 | 364.1 | 402.3 | 451.2 | 510.7 | 577.9 | 643.5 | 703.8  |
| 132.5° | 299.2 | 309.9  | 320.6 | 345.8 | 374.1 | 408.4 | 450.4 | 501.5 | 559.6 | 619.1 | 673.3  |
| 135°   | 309.9 | 320.6  | 331.3 | 355.7 | 382.5 | 413.0 | 449.6 | 493.1 | 542.8 | 593.2 | 643.5  |
| 137.5° | 319.9 | 329.8  | 339.7 | 364.1 | 389.3 | 417.6 | 449.6 | 487.0 | 529.0 | 572.5 | 613.8  |
| 140°   | 328.3 | 338.2  | 348.1 | 371.0 | 394.7 | 420.6 | 448.9 | 481.7 | 516.0 | 552.7 | 587.8  |
| 142.5° | 335.9 | 345.0  | 354.2 | 376.3 | 399.3 | 422.9 | 448.9 | 476.4 | 505.4 | 535.1 | 564.1  |
| 145°   | 344.3 | 352.7  | 361.1 | 381.7 | 403.1 | 424.4 | 447.3 | 471.8 | 495.4 | 520.6 | 544.3  |
| 147.5° | 351.2 | 358.8  | 366.4 | 386.3 | 405.4 | 425.2 | 445.1 | 467.2 | 487.8 | 508.4 | 527.5  |
| 150°   | 358.0 | 364.9  | 371.8 | 389.3 | 406.9 | 424.4 | 442.8 | 461.1 | 479.4 | 496.2 | 512.2  |
| 152.5° | 364.9 | 371.0  | 377.1 | 392.4 | 407.6 | 422.9 | 438.9 | 455.7 | 471.0 | 486.3 | 499.3  |
| 155°   | 371.0 | 376.8  | 382.5 | 395.4 | 408.4 | 421.4 | 434.4 | 448.9 | 463.4 | 475.6 | 487.0  |
| 157.5° | 376.3 | 381.3  | 386.3 | 397.7 | 408.4 | 418.3 | 429.8 | 442.8 | 454.2 | 464.9 | 474.8  |
| 160°   | 381.7 | 385.9  | 390.1 | 399.3 | 408.4 | 416.0 | 425.2 | 435.9 | 445.8 | 454.2 | 462.6  |
| 162.5° | 386.3 | 389.4  | 392.4 | 400.0 | 407.6 | 413.8 | 421.4 | 429.8 | 437.4 | 444.3 | 451.2  |
| 165°   | 389.3 | 391.6  | 393.9 | 400.8 | 406.1 | 410.7 | 416.0 | 422.9 | 429.0 | 434.4 | 439.7  |
| 167.5° | 392.4 | 393.9  | 395.4 | 400.8 | 405.4 | 407.6 | 411.5 | 416.0 | 420.6 | 425.2 | 429.0  |
| 170°   | 393.9 | 395.0  | 396.2 | 400.0 | 403.8 | 405.4 | 407.6 | 410.7 | 414.5 | 416.8 | 419.9  |
| 172.5° | 395.4 | 396.2  | 397.0 | 399.3 | 401.5 | 402.3 | 403.1 | 405.4 | 407.6 | 409.2 | 411.5  |
| 175°   | 396.2 | 396.6  | 397.0 | 398.5 | 400.0 | 399.3 | 400.0 | 400.8 | 403.1 | 403.8 | 404.6  |
| 177.5° | 397.0 | 397.0  | 397.0 | 397.7 | 399.3 | 397.7 | 397.0 | 397.7 | 399.3 | 399.3 | 400.0  |
| 180°   | 397.0 | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0  |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1024.4 | 1022.9 | 1018.4 | 1019.9 | 1017.7 | 1017.7 | 1016.2 | 1016.2 | 1016.2 | 1019.9 | 1017.7 |
| 5°     | 968.6  | 963.4  | 958.2  | 956.0  | 953.7  | 951.5  | 951.5  | 950.8  | 957.4  | 956.0  | 961.9  |
| 7.5°   | 899.4  | 897.9  | 887.5  | 887.5  | 883.8  | 882.3  | 886.0  | 886.8  | 887.5  | 889.0  | 892.7  |
| 10°    | 837.7  | 834.0  | 819.1  | 820.6  | 818.3  | 815.4  | 817.6  | 816.1  | 821.3  | 822.8  | 821.3  |
| 12.5°  | 764.8  | 758.1  | 741.7  | 733.5  | 724.6  | 717.9  | 726.1  | 720.1  | 741.0  | 746.9  | 763.3  |
| 15°    | 668.1  | 655.4  | 644.2  | 644.2  | 636.1  | 630.1  | 633.8  | 640.5  | 645.0  | 651.7  | 654.7  |
| 17.5°  | 603.3  | 598.1  | 589.2  | 584.0  | 581.8  | 579.5  | 579.5  | 582.5  | 592.2  | 591.4  | 597.4  |
| 20°    | 548.3  | 545.3  | 540.8  | 534.1  | 531.9  | 530.4  | 530.4  | 530.4  | 537.1  | 543.1  | 546.8  |
| 22.5°  | 510.3  | 508.1  | 505.1  | 496.2  | 491.7  | 490.3  | 494.0  | 496.2  | 501.4  | 505.9  | 509.6  |
| 25°    | 472.4  | 467.2  | 462.0  | 459.0  | 456.8  | 456.8  | 458.3  | 459.0  | 461.2  | 463.5  | 467.9  |
| 27.5°  | 441.2  | 437.4  | 430.0  | 421.8  | 421.8  | 419.6  | 421.1  | 422.6  | 427.8  | 435.2  | 438.9  |
| 30°    | 406.2  | 405.4  | 402.5  | 399.5  | 396.5  | 395.0  | 398.0  | 400.2  | 401.0  | 404.7  | 404.7  |
| 32.5°  | 380.9  | 375.7  | 370.5  | 367.5  | 366.0  | 365.3  | 366.0  | 369.0  | 369.0  | 373.5  | 378.7  |
| 35°    | 355.6  | 352.6  | 347.4  | 342.2  | 340.7  | 337.0  | 340.0  | 343.0  | 348.2  | 350.4  | 352.6  |
| 37.5°  | 328.1  | 324.4  | 322.1  | 320.6  | 317.7  | 318.4  | 316.2  | 320.6  | 325.1  | 324.4  | 325.8  |
| 40°    | 307.2  | 300.6  | 293.9  | 293.1  | 292.4  | 291.6  | 291.6  | 292.4  | 295.3  | 298.3  | 302.8  |
| 42.5°  | 280.5  | 278.2  | 272.3  | 266.3  | 264.8  | 263.4  | 261.9  | 264.8  | 270.8  | 276.0  | 278.2  |
| 45°    | 252.9  | 250.0  | 248.5  | 244.0  | 241.0  | 240.3  | 238.8  | 242.5  | 247.7  | 250.0  | 251.5  |
| 47.5°  | 227.6  | 226.9  | 222.4  | 223.2  | 220.9  | 221.7  | 220.9  | 223.2  | 223.2  | 225.4  | 226.9  |
| 50°    | 210.5  | 208.3  | 206.1  | 204.6  | 202.4  | 202.4  | 201.6  | 202.4  | 205.3  | 208.3  | 207.6  |
| 52.5°  | 193.4  | 189.7  | 189.0  | 188.2  | 186.7  | 188.2  | 186.0  | 186.7  | 189.7  | 191.2  | 190.4  |
| 55°    | 173.3  | 172.6  | 171.1  | 169.6  | 168.9  | 168.1  | 168.1  | 168.1  | 171.1  | 173.3  | 174.1  |
| 57.5°  | 157.7  | 154.0  | 151.0  | 151.0  | 148.0  | 147.3  | 148.8  | 149.5  | 151.8  | 153.3  | 154.7  |
| 60°    | 136.1  | 134.7  | 130.2  | 128.0  | 123.5  | 122.7  | 122.7  | 125.7  | 129.4  | 134.7  | 136.1  |
| 62.5°  | 113.1  | 110.8  | 110.1  | 110.1  | 110.1  | 110.1  | 110.1  | 110.1  | 110.1  | 110.8  | 110.8  |
| 65°    | 100.4  | 101.2  | 100.4  | 99.7   | 100.4  | 100.4  | 99.7   | 99.7   | 99.7   | 100.4  | 101.2  |
| 67.5°  | 90.0   | 89.3   | 90.0   | 89.3   | 88.5   | 88.5   | 87.8   | 88.5   | 89.3   | 90.0   | 90.0   |
| 70°    | 78.1   | 78.1   | 77.4   | 78.1   | 77.4   | 76.6   | 75.9   | 75.9   | 77.4   | 78.1   | 78.1   |
| 72.5°  | 67.0   | 67.0   | 66.2   | 66.2   | 64.7   | 64.7   | 65.5   | 64.7   | 64.7   | 67.0   | 67.0   |
| 75°    | 55.8   | 55.1   | 54.3   | 54.3   | 53.6   | 53.6   | 53.6   | 52.8   | 54.3   | 54.3   | 55.1   |
| 77.5°  | 43.9   | 43.9   | 43.9   | 43.1   | 43.1   | 42.4   | 42.4   | 43.1   | 43.1   | 43.1   | 43.9   |
| 80°    | 33.5   | 33.5   | 33.5   | 32.7   | 32.0   | 32.0   | 32.0   | 32.0   | 32.0   | 32.7   | 32.0   |
| 82.5°  | 23.1   | 23.1   | 23.1   | 23.1   | 23.1   | 22.3   | 22.3   | 22.3   | 23.1   | 23.1   | 22.3   |
| 85°    | 14.1   | 13.4   | 14.1   | 14.1   | 13.4   | 14.1   | 13.4   | 13.4   | 12.6   | 12.6   | 13.4   |
| 87.5°  | 6.0    | 5.2    | 4.5    | 4.5    | 5.2    | 4.5    | 4.5    | 4.5    | 5.2    | 4.5    | 4.5    |
| 90°    | 24.8   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   | 24.8   |
| 92.5°  | 54.2   | 51.1   | 50.4   | 47.3   | 48.1   | 46.6   | 48.1   | 47.3   | 50.4   | 51.1   | 54.2   |
| 95°    | 113.0  | 104.6  | 94.7   | 88.6   | 86.3   | 87.0   | 86.3   | 88.6   | 94.7   | 104.6  | 113.0  |
| 97.5°  | 226.7  | 203.8  | 174.1  | 158.8  | 150.4  | 145.8  | 150.4  | 158.8  | 174.1  | 203.8  | 226.7  |
| 100°   | 451.6  | 405.4  | 342.0  | 309.2  | 287.0  | 273.3  | 287.0  | 309.2  | 342.0  | 405.4  | 451.6  |
| 102.5° | 763.4  | 713.8  | 643.5  | 581.7  | 552.7  | 532.8  | 552.7  | 581.7  | 643.5  | 713.8  | 763.4  |
| 105°   | 1011.1 | 998.5  | 951.2  | 903.9  | 871.0  | 860.3  | 871.0  | 903.9  | 951.2  | 998.5  | 1011.1 |
| 107.5° | 1100.8 | 1116.1 | 1115.3 | 1108.4 | 1098.5 | 1081.0 | 1098.5 | 1108.4 | 1115.3 | 1116.1 | 1100.8 |
| 110°   | 1086.3 | 1117.6 | 1150.4 | 1164.9 | 1171.8 | 1171.0 | 1171.8 | 1164.9 | 1150.4 | 1117.6 | 1086.3 |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1037.0 | 1074.1 | 1122.9 | 1149.7 | 1164.2 | 1169.5 | 1164.2 | 1149.7 | 1122.9 | 1074.1 | 1037.0 |
| 115°   | 976.8  | 1016.1 | 1070.3 | 1105.4 | 1125.2 | 1132.1 | 1125.2 | 1105.4 | 1070.3 | 1016.1 | 976.8  |
| 117.5° | 919.1  | 956.5  | 1012.3 | 1049.7 | 1070.3 | 1075.6 | 1070.3 | 1049.7 | 1012.3 | 956.5  | 919.1  |
| 120°   | 867.6  | 902.3  | 955.8  | 991.6  | 1013.8 | 1021.4 | 1013.8 | 991.6  | 955.8  | 902.3  | 867.6  |
| 122.5° | 827.5  | 858.0  | 904.6  | 939.7  | 958.8  | 964.9  | 958.8  | 939.7  | 904.6  | 858.0  | 827.5  |
| 125°   | 791.2  | 819.9  | 864.2  | 893.2  | 912.2  | 918.4  | 912.2  | 893.2  | 864.2  | 819.9  | 791.2  |
| 127.5° | 760.4  | 787.1  | 826.0  | 853.5  | 870.3  | 874.8  | 870.3  | 853.5  | 826.0  | 787.1  | 760.4  |
| 130°   | 729.0  | 754.2  | 791.6  | 817.6  | 832.9  | 839.0  | 832.9  | 817.6  | 791.6  | 754.2  | 729.0  |
| 132.5° | 696.6  | 719.9  | 756.5  | 782.5  | 796.2  | 801.6  | 796.2  | 782.5  | 756.5  | 719.9  | 696.6  |
| 135°   | 664.9  | 686.3  | 719.1  | 744.3  | 758.0  | 761.1  | 758.0  | 744.3  | 719.1  | 686.3  | 664.9  |
| 137.5° | 632.8  | 651.9  | 683.2  | 705.4  | 717.6  | 722.2  | 717.6  | 705.4  | 683.2  | 651.9  | 632.8  |
| 140°   | 604.6  | 621.4  | 645.8  | 665.7  | 677.1  | 681.7  | 677.1  | 665.7  | 645.8  | 621.4  | 604.6  |
| 142.5° | 577.5  | 590.9  | 613.8  | 631.3  | 641.2  | 641.2  | 641.2  | 631.3  | 613.8  | 590.9  | 577.5  |
| 145°   | 555.3  | 566.4  | 584.8  | 597.7  | 605.4  | 607.7  | 605.4  | 597.7  | 584.8  | 566.4  | 555.3  |
| 147.5° | 535.9  | 544.3  | 560.3  | 571.0  | 576.4  | 577.9  | 576.4  | 571.0  | 560.3  | 544.3  | 535.9  |
| 150°   | 519.1  | 526.0  | 537.4  | 546.6  | 551.2  | 551.9  | 551.2  | 546.6  | 537.4  | 526.0  | 519.1  |
| 152.5° | 505.0  | 510.7  | 519.1  | 526.7  | 529.8  | 529.8  | 529.8  | 526.7  | 519.1  | 510.7  | 505.0  |
| 155°   | 491.2  | 495.4  | 503.8  | 509.2  | 512.2  | 510.7  | 512.2  | 509.2  | 503.8  | 495.4  | 491.2  |
| 157.5° | 478.2  | 481.7  | 487.8  | 492.4  | 493.9  | 493.9  | 493.9  | 492.4  | 487.8  | 481.7  | 478.2  |
| 160°   | 465.3  | 468.0  | 473.3  | 477.1  | 477.9  | 477.9  | 477.9  | 477.1  | 473.3  | 468.0  | 465.3  |
| 162.5° | 453.1  | 455.0  | 460.3  | 462.6  | 463.4  | 462.6  | 463.4  | 462.6  | 460.3  | 455.0  | 453.1  |
| 165°   | 441.2  | 442.8  | 445.8  | 448.9  | 448.9  | 448.1  | 448.9  | 448.9  | 445.8  | 442.8  | 441.2  |
| 167.5° | 430.6  | 432.1  | 433.6  | 435.1  | 435.1  | 434.4  | 435.1  | 435.1  | 433.6  | 432.1  | 430.6  |
| 170°   | 420.6  | 421.4  | 422.2  | 424.4  | 423.7  | 422.2  | 423.7  | 424.4  | 422.2  | 421.4  | 420.6  |
| 172.5° | 411.8  | 412.2  | 413.0  | 413.8  | 413.0  | 412.2  | 413.0  | 413.8  | 413.0  | 412.2  | 411.8  |
| 175°   | 405.0  | 405.4  | 405.4  | 406.1  | 405.4  | 403.8  | 405.4  | 406.1  | 405.4  | 405.4  | 405.0  |
| 177.5° | 400.0  | 400.0  | 400.0  | 400.0  | 399.3  | 397.7  | 399.3  | 400.0  | 400.0  | 400.0  | 400.0  |
| 180°   | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  | 397.0  |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1019.9 | 1023.7 | 1022.2 | 1014.0 | 1022.2 | 1024.4 | 1028.9 | 1033.3 | 1036.3 | 1040.8 | 1044.5 |
| 5°     | 956.0  | 963.4  | 967.9  | 963.4  | 978.3  | 980.5  | 990.9  | 996.9  | 1005.8 | 1013.2 | 1019.2 |
| 7.5°   | 895.7  | 901.7  | 910.6  | 912.1  | 921.0  | 931.4  | 946.3  | 961.2  | 975.3  | 982.7  | 989.4  |
| 10°    | 831.0  | 841.4  | 854.8  | 851.8  | 865.2  | 881.6  | 897.2  | 921.0  | 932.9  | 946.3  | 958.2  |
| 12.5°  | 766.3  | 773.0  | 790.8  | 796.8  | 816.1  | 828.7  | 850.3  | 865.2  | 895.0  | 910.6  | 921.0  |
| 15°    | 653.2  | 680.7  | 703.0  | 729.8  | 755.1  | 778.9  | 798.2  | 825.0  | 851.1  | 863.0  | 880.1  |
| 17.5°  | 601.8  | 614.5  | 627.9  | 641.3  | 674.0  | 716.4  | 750.6  | 779.6  | 802.0  | 817.6  | 837.7  |
| 20°    | 548.3  | 560.9  | 575.8  | 588.5  | 608.5  | 639.0  | 681.4  | 731.3  | 758.1  | 774.4  | 793.8  |
| 22.5°  | 510.3  | 522.2  | 531.9  | 543.1  | 558.7  | 581.0  | 613.0  | 674.8  | 710.5  | 730.5  | 747.7  |
| 25°    | 469.4  | 484.3  | 494.7  | 502.9  | 515.5  | 540.1  | 566.1  | 601.1  | 665.1  | 680.7  | 704.5  |
| 27.5°  | 441.2  | 445.6  | 457.5  | 470.2  | 482.8  | 496.2  | 523.0  | 552.7  | 595.9  | 630.1  | 659.1  |
| 30°    | 407.7  | 418.8  | 430.0  | 435.2  | 446.4  | 465.7  | 482.1  | 514.1  | 547.5  | 574.3  | 609.3  |
| 32.5°  | 382.4  | 389.1  | 396.5  | 409.2  | 419.6  | 433.0  | 449.3  | 476.1  | 504.4  | 521.5  | 548.3  |
| 35°    | 354.1  | 358.6  | 374.2  | 379.4  | 389.8  | 403.2  | 419.6  | 440.4  | 470.9  | 484.3  | 503.6  |
| 37.5°  | 327.3  | 337.7  | 342.2  | 354.1  | 363.8  | 377.2  | 389.1  | 412.9  | 433.0  | 448.6  | 466.4  |
| 40°    | 306.5  | 311.0  | 319.1  | 329.6  | 337.7  | 348.2  | 363.0  | 380.2  | 401.7  | 414.4  | 430.0  |
| 42.5°  | 281.2  | 284.9  | 295.3  | 301.3  | 314.7  | 324.4  | 333.3  | 354.1  | 373.5  | 383.1  | 398.8  |
| 45°    | 253.7  | 262.6  | 269.3  | 281.2  | 288.6  | 300.6  | 311.7  | 326.6  | 344.4  | 355.6  | 364.5  |
| 47.5°  | 229.9  | 238.8  | 245.5  | 256.7  | 268.6  | 273.8  | 285.7  | 301.3  | 317.7  | 326.6  | 339.2  |
| 50°    | 210.5  | 213.5  | 226.2  | 231.4  | 244.0  | 254.4  | 262.6  | 276.0  | 293.9  | 299.1  | 309.5  |
| 52.5°  | 191.9  | 194.2  | 202.4  | 209.0  | 220.2  | 229.1  | 239.5  | 252.2  | 267.1  | 275.3  | 283.4  |
| 55°    | 175.6  | 177.1  | 180.8  | 188.2  | 195.7  | 206.8  | 216.5  | 228.4  | 241.0  | 250.0  | 257.4  |
| 57.5°  | 157.0  | 159.9  | 162.9  | 167.4  | 174.8  | 185.2  | 195.7  | 206.8  | 217.2  | 223.2  | 232.9  |
| 60°    | 135.4  | 139.9  | 145.1  | 150.3  | 155.5  | 162.9  | 174.8  | 185.2  | 194.9  | 200.1  | 207.6  |
| 62.5°  | 112.3  | 121.3  | 125.7  | 131.7  | 136.1  | 142.8  | 151.8  | 163.7  | 170.4  | 177.1  | 183.0  |
| 65°    | 101.2  | 101.9  | 102.7  | 108.6  | 116.8  | 123.5  | 131.7  | 140.6  | 151.0  | 155.5  | 159.9  |
| 67.5°  | 90.0   | 90.8   | 92.2   | 93.0   | 96.0   | 103.4  | 112.3  | 122.0  | 130.2  | 133.2  | 137.6  |
| 70°    | 78.9   | 78.9   | 81.8   | 82.6   | 83.3   | 84.1   | 91.5   | 101.2  | 108.6  | 112.3  | 117.5  |
| 72.5°  | 67.0   | 67.7   | 69.2   | 69.9   | 71.4   | 72.9   | 75.1   | 80.3   | 89.3   | 93.0   | 98.9   |
| 75°    | 55.1   | 55.8   | 56.5   | 57.3   | 59.5   | 60.3   | 62.5   | 65.5   | 69.2   | 73.6   | 77.4   |
| 77.5°  | 43.9   | 43.9   | 44.6   | 46.1   | 47.6   | 48.4   | 50.6   | 52.1   | 53.6   | 55.8   | 58.8   |
| 80°    | 32.7   | 33.5   | 33.5   | 35.0   | 35.0   | 35.7   | 36.5   | 38.7   | 40.2   | 41.7   | 43.1   |
| 82.5°  | 22.3   | 23.8   | 23.8   | 23.8   | 24.5   | 25.3   | 26.0   | 26.0   | 27.5   | 28.3   | 30.5   |
| 85°    | 13.4   | 14.1   | 14.1   | 14.1   | 13.4   | 14.9   | 14.9   | 15.6   | 15.6   | 15.6   | 16.4   |
| 87.5°  | 5.2    | 4.5    | 5.2    | 5.2    | 5.2    | 6.0    | 5.2    | 5.2    | 6.0    | 6.7    | 6.7    |
| 90°    | 24.4   | 22.9   | 24.4   | 25.2   | 26.0   | 25.2   | 20.6   | 15.3   | 11.5   | 10.4   | 9.2    |
| 92.5°  | 57.3   | 65.7   | 77.1   | 98.5   | 117.6  | 116.0  | 90.1   | 61.1   | 40.5   | 36.3   | 32.1   |
| 95°    | 121.4  | 153.4  | 200.0  | 261.8  | 299.2  | 264.9  | 176.3  | 109.9  | 74.8   | 65.6   | 56.5   |
| 97.5°  | 249.6  | 326.7  | 409.2  | 491.6  | 487.8  | 377.1  | 234.4  | 142.0  | 97.0   | 86.6   | 76.3   |
| 100°   | 497.7  | 602.3  | 697.0  | 713.0  | 603.1  | 415.3  | 250.4  | 157.3  | 116.8  | 106.1  | 95.4   |
| 102.5° | 813.0  | 882.5  | 885.5  | 795.4  | 606.9  | 400.8  | 251.2  | 171.0  | 134.4  | 123.7  | 113.0  |
| 105°   | 1023.7 | 1013.8 | 927.5  | 768.7  | 565.7  | 380.9  | 255.0  | 187.0  | 151.2  | 140.5  | 129.8  |
| 107.5° | 1085.5 | 1010.7 | 882.5  | 712.2  | 527.5  | 370.2  | 263.4  | 203.1  | 167.9  | 157.2  | 146.6  |
| 110°   | 1055.0 | 957.3  | 820.6  | 659.6  | 501.5  | 367.2  | 274.1  | 219.1  | 185.5  | 174.4  | 163.4  |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1000.0 | 893.9 | 764.2 | 622.9 | 484.8 | 368.0 | 285.5 | 234.4 | 202.3 | 190.9  | 179.4 |
| 115°   | 937.4  | 837.4 | 719.9 | 593.9 | 473.3 | 371.0 | 297.0 | 250.4 | 217.6 | 207.3  | 197.0 |
| 117.5° | 881.7  | 788.6 | 683.2 | 574.1 | 467.2 | 375.6 | 309.2 | 264.9 | 234.4 | 223.7  | 213.0 |
| 120°   | 832.9  | 751.9 | 657.3 | 558.8 | 461.8 | 380.2 | 321.4 | 280.2 | 250.4 | 239.7  | 229.0 |
| 122.5° | 797.0  | 721.4 | 636.7 | 545.8 | 458.8 | 385.5 | 332.1 | 294.7 | 267.2 | 256.1  | 245.0 |
| 125°   | 762.6  | 695.4 | 616.8 | 533.6 | 455.0 | 390.9 | 343.5 | 309.2 | 281.7 | 271.0  | 260.3 |
| 127.5° | 733.6  | 669.5 | 597.0 | 522.2 | 452.7 | 396.2 | 354.2 | 322.9 | 296.2 | 285.2  | 274.1 |
| 130°   | 703.8  | 643.5 | 577.9 | 510.7 | 451.2 | 402.3 | 364.1 | 335.1 | 308.4 | 297.7  | 287.0 |
| 132.5° | 673.3  | 619.1 | 559.6 | 501.5 | 450.4 | 408.4 | 374.1 | 345.8 | 320.6 | 309.9  | 299.2 |
| 135°   | 643.5  | 593.2 | 542.8 | 493.1 | 449.6 | 413.0 | 382.5 | 355.7 | 331.3 | 320.6  | 309.9 |
| 137.5° | 613.8  | 572.5 | 529.0 | 487.0 | 449.6 | 417.6 | 389.3 | 364.1 | 339.7 | 329.8  | 319.9 |
| 140°   | 587.8  | 552.7 | 516.0 | 481.7 | 448.9 | 420.6 | 394.7 | 371.0 | 348.1 | 338.2  | 328.3 |
| 142.5° | 564.1  | 535.1 | 505.4 | 476.4 | 448.9 | 422.9 | 399.3 | 376.3 | 354.2 | 345.0  | 335.9 |
| 145°   | 544.3  | 520.6 | 495.4 | 471.8 | 447.3 | 424.4 | 403.1 | 381.7 | 361.1 | 352.7  | 344.3 |
| 147.5° | 527.5  | 508.4 | 487.8 | 467.2 | 445.1 | 425.2 | 405.4 | 386.3 | 366.4 | 358.8  | 351.2 |
| 150°   | 512.2  | 496.2 | 479.4 | 461.1 | 442.8 | 424.4 | 406.9 | 389.3 | 371.8 | 364.9  | 358.0 |
| 152.5° | 499.3  | 486.3 | 471.0 | 455.7 | 438.9 | 422.9 | 407.6 | 392.4 | 377.1 | 371.0  | 364.9 |
| 155°   | 487.0  | 475.6 | 463.4 | 448.9 | 434.4 | 421.4 | 408.4 | 395.4 | 382.5 | 376.8  | 371.0 |
| 157.5° | 474.8  | 464.9 | 454.2 | 442.8 | 429.8 | 418.3 | 408.4 | 397.7 | 386.3 | 381.3  | 376.3 |
| 160°   | 462.6  | 454.2 | 445.8 | 435.9 | 425.2 | 416.0 | 408.4 | 399.3 | 390.1 | 385.9  | 381.7 |
| 162.5° | 451.2  | 444.3 | 437.4 | 429.8 | 421.4 | 413.8 | 407.6 | 400.0 | 392.4 | 389.4  | 386.3 |
| 165°   | 439.7  | 434.4 | 429.0 | 422.9 | 416.0 | 410.7 | 406.1 | 400.8 | 393.9 | 391.6  | 389.3 |
| 167.5° | 429.0  | 425.2 | 420.6 | 416.0 | 411.5 | 407.6 | 405.4 | 400.8 | 395.4 | 393.9  | 392.4 |
| 170°   | 419.9  | 416.8 | 414.5 | 410.7 | 407.6 | 405.4 | 403.8 | 400.0 | 396.2 | 395.0  | 393.9 |
| 172.5° | 411.5  | 409.2 | 407.6 | 405.4 | 403.1 | 402.3 | 401.5 | 399.3 | 397.0 | 396.2  | 395.4 |
| 175°   | 404.6  | 403.8 | 403.1 | 400.8 | 400.0 | 399.3 | 400.0 | 398.5 | 397.0 | 396.6  | 396.2 |
| 177.5° | 400.0  | 399.3 | 399.3 | 397.7 | 397.0 | 397.7 | 399.3 | 397.7 | 397.0 | 397.0  | 397.0 |
| 180°   | 397.0  | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0 | 397.0  | 397.0 |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1070.5 | 1070.5 | 1070.5 | 1070.5 |
| 2.5°   | 1051.2 | 1049.0 | 1062.3 | 1077.2 |
| 5°     | 1029.6 | 1033.3 | 1050.4 | 1071.3 |
| 7.5°   | 1007.3 | 1015.5 | 1035.6 | 1063.1 |
| 10°    | 976.0  | 990.9  | 1021.4 | 1049.7 |
| 12.5°  | 945.5  | 965.6  | 994.6  | 1028.1 |
| 15°    | 911.3  | 933.6  | 969.3  | 1009.5 |
| 17.5°  | 873.4  | 898.7  | 940.3  | 984.2  |
| 20°    | 833.2  | 866.7  | 910.6  | 958.2  |
| 22.5°  | 788.6  | 828.7  | 874.1  | 926.9  |
| 25°    | 745.4  | 789.3  | 834.7  | 895.7  |
| 27.5°  | 703.0  | 746.2  | 796.8  | 858.5  |
| 30°    | 660.6  | 700.0  | 754.4  | 820.6  |
| 32.5°  | 615.2  | 656.2  | 713.4  | 781.1  |
| 35°    | 573.6  | 614.5  | 668.1  | 735.0  |
| 37.5°  | 528.9  | 572.8  | 624.2  | 693.3  |
| 40°    | 476.9  | 528.2  | 578.0  | 644.2  |
| 42.5°  | 433.7  | 488.0  | 536.4  | 598.9  |
| 45°    | 399.5  | 450.8  | 491.0  | 552.0  |
| 47.5°  | 367.5  | 409.2  | 450.1  | 506.6  |
| 50°    | 337.0  | 369.0  | 411.4  | 462.0  |
| 52.5°  | 305.8  | 333.3  | 369.7  | 417.3  |
| 55°    | 277.5  | 303.5  | 336.3  | 372.7  |
| 57.5°  | 251.5  | 270.0  | 302.8  | 335.5  |
| 60°    | 222.4  | 241.8  | 267.1  | 294.6  |
| 62.5°  | 197.9  | 212.8  | 236.6  | 259.6  |
| 65°    | 171.8  | 186.0  | 203.8  | 225.4  |
| 67.5°  | 148.0  | 160.7  | 174.8  | 191.9  |
| 70°    | 126.5  | 136.1  | 146.6  | 161.4  |
| 72.5°  | 103.4  | 113.8  | 123.5  | 135.4  |
| 75°    | 84.8   | 89.3   | 97.5   | 105.6  |
| 77.5°  | 65.5   | 71.4   | 75.9   | 82.6   |
| 80°    | 46.9   | 52.1   | 53.6   | 58.8   |
| 82.5°  | 31.2   | 34.2   | 37.2   | 38.7   |
| 85°    | 17.9   | 19.3   | 22.3   | 23.1   |
| 87.5°  | 6.7    | 7.4    | 8.9    | 10.4   |
| 90°    | 7.6    | 6.1    | 3.1    | 0.8    |
| 92.5°  | 26.0   | 22.1   | 16.0   | 11.5   |
| 95°    | 44.3   | 37.4   | 29.8   | 26.7   |
| 97.5°  | 62.6   | 52.7   | 44.3   | 39.7   |
| 100°   | 80.2   | 67.9   | 61.1   | 58.8   |
| 102.5° | 97.0   | 84.7   | 77.9   | 76.3   |
| 105°   | 113.0  | 101.5  | 96.2   | 93.1   |
| 107.5° | 129.8  | 119.1  | 113.7  | 111.5  |
| 110°   | 147.3  | 137.4  | 132.8  | 129.8  |

TEST NUMBER: P999801

CATALOG NUMBER: SA2XXRDIP-B485D725UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 164.1 | 155.0 | 149.6 | 146.6 |
| 115°   | 181.7 | 172.5 | 167.9 | 164.1 |
| 117.5° | 198.5 | 190.1 | 185.5 | 182.4 |
| 120°   | 213.7 | 206.9 | 202.3 | 199.2 |
| 122.5° | 229.8 | 222.1 | 217.6 | 215.3 |
| 125°   | 245.0 | 235.9 | 231.3 | 229.0 |
| 127.5° | 259.6 | 249.6 | 243.5 | 240.5 |
| 130°   | 271.8 | 261.1 | 253.4 | 250.4 |
| 132.5° | 283.2 | 271.8 | 263.4 | 259.6 |
| 135°   | 292.4 | 280.9 | 271.8 | 268.7 |
| 137.5° | 302.3 | 290.1 | 280.9 | 277.1 |
| 140°   | 311.5 | 299.2 | 290.1 | 287.0 |
| 142.5° | 319.9 | 307.6 | 299.2 | 297.0 |
| 145°   | 329.0 | 317.6 | 309.9 | 306.9 |
| 147.5° | 338.2 | 327.5 | 319.9 | 317.6 |
| 150°   | 346.6 | 336.7 | 330.5 | 328.3 |
| 152.5° | 354.2 | 345.8 | 339.7 | 338.9 |
| 155°   | 362.6 | 354.2 | 349.6 | 348.9 |
| 157.5° | 369.5 | 361.8 | 358.0 | 357.3 |
| 160°   | 375.6 | 369.5 | 366.4 | 365.7 |
| 162.5° | 380.9 | 376.3 | 373.3 | 374.1 |
| 165°   | 385.5 | 380.9 | 379.4 | 380.2 |
| 167.5° | 389.3 | 386.3 | 384.7 | 385.5 |
| 170°   | 392.4 | 390.1 | 389.3 | 390.9 |
| 172.5° | 394.7 | 392.4 | 393.1 | 393.9 |
| 175°   | 396.2 | 394.7 | 395.4 | 396.2 |
| 177.5° | 397.0 | 395.4 | 396.2 | 397.7 |
| 180°   | 397.0 | 397.0 | 397.0 | 397.0 |

(END OF REPORT)