

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: P1011896

Luminaire Tested: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1011896  
REPORT IS A COMBINATION OF REPORTS P990220 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B775D1025UB27-4F0-XX-W2A-A1  
Description: Define 3 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

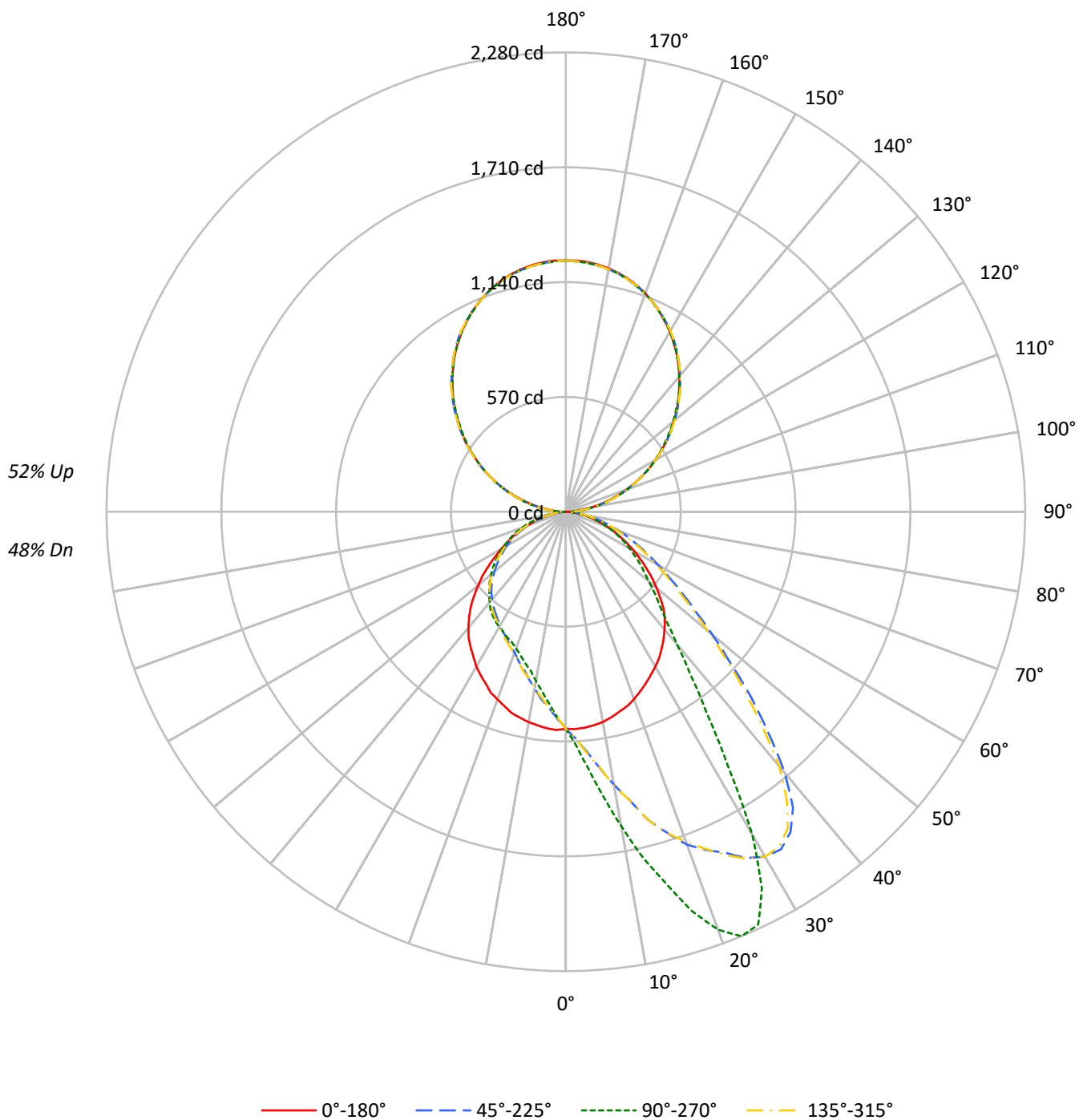
Lumens per Lamp: N/A  
Luminaire Lumens: 6708.0 lumens  
Efficiency: N/A  
Efficacy: 104.2 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 64.4  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1011896

CATALOG NUMBER: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1011896

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 55 | 55 | 55 |
| 1   | 98  | 94  | 90  | 86  | 90 | 86 | 83 | 80 | 73 | 70 | 68 | 60 | 59 | 57 | 49 | 48 | 47 |
| 2   | 89  | 82  | 76  | 71  | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 53 | 51 | 48 | 43 | 41 | 40 |
| 3   | 81  | 72  | 65  | 59  | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 47 | 44 | 41 | 39 | 36 | 34 |
| 4   | 75  | 64  | 56  | 50  | 68 | 59 | 53 | 47 | 50 | 45 | 41 | 42 | 38 | 35 | 35 | 32 | 30 |
| 5   | 69  | 57  | 49  | 43  | 63 | 53 | 46 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 |
| 6   | 63  | 51  | 43  | 38  | 58 | 48 | 41 | 35 | 41 | 35 | 31 | 34 | 30 | 27 | 28 | 25 | 23 |
| 7   | 58  | 46  | 38  | 33  | 54 | 43 | 36 | 31 | 37 | 31 | 27 | 31 | 27 | 24 | 26 | 23 | 20 |
| 8   | 54  | 42  | 34  | 29  | 50 | 39 | 32 | 28 | 34 | 28 | 24 | 29 | 24 | 21 | 24 | 21 | 18 |
| 9   | 50  | 38  | 31  | 26  | 46 | 36 | 29 | 25 | 31 | 26 | 22 | 26 | 22 | 19 | 22 | 19 | 16 |
| 10  | 47  | 35  | 28  | 23  | 43 | 33 | 26 | 22 | 28 | 23 | 20 | 24 | 20 | 17 | 20 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11591 | 11591 | 11591 | 11591 |
| 5°  | 11599 | 13354 | 11632 | 9967  |
| 10° | 11525 | 16161 | 11536 | 8704  |
| 15° | 11365 | 19167 | 11458 | 7834  |
| 20° | 11229 | 22066 | 11253 | 7209  |
| 25° | 11025 | 22623 | 11050 | 6883  |
| 30° | 10880 | 18690 | 10880 | 6669  |
| 35° | 10699 | 12500 | 10632 | 6480  |
| 40° | 10483 | 9023  | 10354 | 6191  |
| 45° | 10212 | 7148  | 9918  | 5831  |
| 50° | 9552  | 6070  | 9214  | 5478  |
| 55° | 8830  | 5334  | 8471  | 5084  |
| 60° | 8095  | 4644  | 7666  | 4671  |
| 65° | 7288  | 3977  | 6935  | 4120  |
| 70° | 6452  | 3302  | 6022  | 3473  |
| 75° | 5516  | 2489  | 5158  | 2681  |
| 80° | 4359  | 1661  | 4023  | 1762  |
| 85° | 3007  | 762   | 2401  | 694   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 18693 cd/sqm

TEST NUMBER: P1011896

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 105.9  | 1.6       |
| 10°-20°   | 340.1  | 5.1       |
| 20°-30°   | 572.3  | 8.5       |
| 30°-40°   | 646.8  | 9.6       |
| 40°-50°   | 579.3  | 8.6       |
| 50°-60°   | 467.6  | 7.0       |
| 60°-70°   | 325.9  | 4.9       |
| 70°-80°   | 171.0  | 2.5       |
| 80°-90°   | 43.6   | 0.7       |
| 90°-100°  | 80.3   | 1.2       |
| 100°-110° | 243.0  | 3.6       |
| 110°-120° | 413.6  | 6.2       |
| 120°-130° | 544.2  | 8.1       |
| 130°-140° | 611.7  | 9.1       |
| 140°-150° | 601.3  | 9.0       |
| 150°-160° | 506.3  | 7.5       |
| 160°-170° | 337.0  | 5.0       |
| 170°-180° | 118.0  | 1.8       |
| 0°-30°    | 1018.4 | 15.2      |
| 0°-40°    | 1665.2 | 24.8      |
| 0°-60°    | 2712.1 | 40.4      |
| 0°-90°    | 3252.6 | 48.5      |
| 90°-120°  | 736.9  | 11.0      |
| 90°-150°  | 2494.0 | 37.2      |
| 90°-180°  | 3455.0 | 51.5      |
| 0°-180°   | 6708.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1077 | 1077 | 1077 | 1077 | 1077 |      |
| 5°   | 1076 | 1279 | 1079 | 955  | 1076 | 102  |
| 15°  | 1027 | 1904 | 1035 | 778  | 1027 | 290  |
| 25°  | 939  | 2260 | 941  | 688  | 939  | 433  |
| 35°  | 828  | 1218 | 823  | 631  | 828  | 518  |
| 45°  | 688  | 657  | 668  | 536  | 688  | 526  |
| 55°  | 487  | 447  | 468  | 426  | 487  | 436  |
| 65°  | 302  | 290  | 287  | 300  | 302  | 300  |
| 75°  | 145  | 149  | 136  | 161  | 145  | 156  |
| 85°  | 31   | 34   | 25   | 31   | 31   | 36   |
| 90°  | 1    | 29   | 1    | 29   | 1    | 6    |
| 95°  | 58   | 76   | 58   | 76   | 58   | 64   |
| 105° | 220  | 233  | 220  | 233  | 220  | 236  |
| 115° | 416  | 417  | 416  | 417  | 416  | 412  |
| 125° | 609  | 602  | 609  | 602  | 609  | 543  |
| 135° | 791  | 790  | 791  | 790  | 791  | 609  |
| 145° | 959  | 959  | 959  | 959  | 959  | 599  |
| 155° | 1098 | 1096 | 1098 | 1096 | 1098 | 506  |
| 165° | 1196 | 1192 | 1196 | 1192 | 1196 | 337  |
| 175° | 1244 | 1239 | 1244 | 1239 | 1244 | 118  |
| 180° | 1247 | 1247 | 1247 | 1247 | 1247 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1079.9 | 1088.3 | 1092.5 | 1098.7 | 1105.0 | 1114.4 | 1117.5 | 1122.7 | 1120.6 | 1124.8 | 1126.9 |
| 5°     | 1075.8 | 1090.4 | 1102.9 | 1118.6 | 1133.2 | 1143.6 | 1154.0 | 1170.7 | 1183.2 | 1185.3 | 1194.7 |
| 7.5°   | 1068.5 | 1089.3 | 1111.2 | 1133.2 | 1161.3 | 1178.0 | 1196.8 | 1219.8 | 1238.5 | 1268.8 | 1280.3 |
| 10°    | 1059.1 | 1088.3 | 1119.6 | 1149.9 | 1188.5 | 1214.5 | 1237.5 | 1276.1 | 1314.7 | 1346.0 | 1375.2 |
| 12.5°  | 1044.5 | 1081.0 | 1121.7 | 1166.5 | 1216.6 | 1246.9 | 1278.2 | 1329.3 | 1387.8 | 1435.8 | 1467.1 |
| 15°    | 1026.7 | 1072.6 | 1124.8 | 1172.8 | 1228.1 | 1284.5 | 1317.8 | 1375.2 | 1458.7 | 1503.6 | 1583.9 |
| 17.5°  | 1012.1 | 1059.1 | 1111.2 | 1186.4 | 1261.5 | 1317.8 | 1341.8 | 1447.2 | 1504.6 | 1579.7 | 1670.5 |
| 20°    | 989.2  | 1048.6 | 1115.4 | 1190.5 | 1287.6 | 1322.0 | 1371.1 | 1477.5 | 1548.4 | 1646.5 | 1758.2 |
| 22.5°  | 965.2  | 1028.8 | 1109.2 | 1187.4 | 1295.9 | 1332.5 | 1399.2 | 1483.8 | 1596.4 | 1693.5 | 1816.6 |
| 25°    | 939.1  | 1007.9 | 1089.3 | 1182.2 | 1288.6 | 1341.8 | 1404.5 | 1508.8 | 1630.9 | 1753.0 | 1866.7 |
| 27.5°  | 913.0  | 988.1  | 1072.6 | 1165.5 | 1268.8 | 1331.4 | 1394.0 | 1502.5 | 1659.0 | 1791.6 | 1936.6 |
| 30°    | 888.0  | 963.1  | 1047.6 | 1142.6 | 1251.1 | 1311.6 | 1371.1 | 1506.7 | 1681.0 | 1830.2 | 1976.2 |
| 32.5°  | 860.8  | 938.0  | 1026.7 | 1106.0 | 1215.6 | 1280.3 | 1347.1 | 1506.7 | 1694.5 | 1853.1 | 1986.7 |
| 35°    | 828.5  | 907.8  | 983.9  | 1063.3 | 1171.8 | 1243.8 | 1318.9 | 1496.3 | 1707.0 | 1860.4 | 1942.9 |
| 37.5°  | 797.2  | 867.1  | 932.8  | 1010.0 | 1123.8 | 1201.0 | 1287.6 | 1483.8 | 1700.8 | 1829.1 | 1852.1 |
| 40°    | 761.7  | 831.6  | 884.8  | 956.8  | 1076.8 | 1166.5 | 1254.2 | 1467.1 | 1673.7 | 1755.0 | 1688.3 |
| 42.5°  | 727.3  | 782.6  | 828.5  | 898.4  | 1028.8 | 1116.5 | 1211.4 | 1436.8 | 1620.4 | 1637.1 | 1486.9 |
| 45°    | 687.6  | 727.3  | 768.0  | 847.3  | 976.6  | 1066.4 | 1171.8 | 1393.0 | 1534.9 | 1486.9 | 1297.0 |
| 47.5°  | 636.5  | 672.0  | 716.8  | 789.9  | 921.3  | 1014.2 | 1114.4 | 1336.6 | 1410.7 | 1310.5 | 1102.9 |
| 50°    | 587.4  | 617.7  | 659.4  | 730.4  | 862.9  | 953.7  | 1060.1 | 1247.9 | 1284.5 | 1126.9 | 950.6  |
| 52.5°  | 538.4  | 561.4  | 602.1  | 673.0  | 805.5  | 893.2  | 990.2  | 1157.2 | 1136.3 | 967.3  | 810.7  |
| 55°    | 487.3  | 507.1  | 545.7  | 615.6  | 738.7  | 822.2  | 915.1  | 1045.5 | 991.3  | 830.6  | 705.4  |
| 57.5°  | 437.2  | 458.1  | 497.7  | 556.1  | 672.0  | 753.4  | 827.4  | 929.7  | 848.3  | 720.0  | 609.4  |
| 60°    | 392.3  | 410.1  | 440.3  | 497.7  | 603.1  | 668.8  | 736.7  | 806.6  | 738.7  | 614.6  | 530.1  |
| 62.5°  | 345.4  | 362.1  | 390.2  | 442.4  | 533.2  | 591.6  | 645.9  | 703.3  | 628.1  | 537.4  | 462.2  |
| 65°    | 301.5  | 315.1  | 341.2  | 389.2  | 463.3  | 511.3  | 555.1  | 594.8  | 534.2  | 450.8  | 394.4  |
| 67.5°  | 261.9  | 273.4  | 295.3  | 338.1  | 400.7  | 435.1  | 470.6  | 504.0  | 452.8  | 386.1  | 338.1  |
| 70°    | 219.1  | 228.5  | 248.3  | 279.6  | 329.7  | 365.2  | 391.3  | 416.3  | 370.4  | 317.2  | 284.9  |
| 72.5°  | 181.6  | 190.9  | 203.5  | 235.8  | 270.2  | 292.2  | 320.3  | 333.9  | 307.8  | 264.0  | 231.6  |
| 75°    | 145.0  | 152.3  | 163.8  | 184.7  | 217.0  | 231.6  | 249.4  | 259.8  | 235.8  | 206.6  | 186.8  |
| 77.5°  | 113.7  | 116.9  | 125.2  | 139.8  | 161.7  | 178.4  | 192.0  | 198.3  | 181.6  | 162.8  | 146.1  |
| 80°    | 80.3   | 84.5   | 90.8   | 103.3  | 120.0  | 125.2  | 133.6  | 140.9  | 130.4  | 113.7  | 103.3  |
| 82.5°  | 53.2   | 58.4   | 61.6   | 66.8   | 77.2   | 83.5   | 85.6   | 91.8   | 82.4   | 76.2   | 72.0   |
| 85°    | 31.3   | 33.4   | 34.4   | 37.6   | 42.8   | 45.9   | 49.0   | 50.1   | 48.0   | 47.0   | 42.8   |
| 87.5°  | 15.7   | 15.7   | 15.7   | 17.7   | 18.8   | 20.9   | 21.9   | 21.9   | 21.9   | 20.9   | 19.8   |
| 90°    | 1.0    | 3.2    | 5.4    | 7.5    | 9.7    | 10.8   | 12.2   | 15.0   | 17.9   | 20.7   | 23.5   |
| 92.5°  | 29.4   | 30.7   | 32.0   | 33.3   | 34.6   | 35.3   | 35.9   | 37.2   | 38.5   | 39.8   | 41.1   |
| 95°    | 57.8   | 59.3   | 60.9   | 62.4   | 63.9   | 64.7   | 65.6   | 67.3   | 69.0   | 70.8   | 72.5   |
| 97.5°  | 95.0   | 96.1   | 97.2   | 98.3   | 99.4   | 99.9   | 100.6  | 101.9  | 103.2  | 104.5  | 105.8  |
| 100°   | 133.2  | 134.5  | 135.8  | 137.1  | 138.4  | 139.1  | 139.6  | 140.7  | 141.8  | 142.9  | 144.0  |
| 102.5° | 177.3  | 177.9  | 178.6  | 179.2  | 179.9  | 180.2  | 181.0  | 182.5  | 184.0  | 185.6  | 187.1  |
| 105°   | 220.4  | 220.8  | 221.3  | 221.7  | 222.2  | 222.4  | 223.4  | 225.3  | 227.3  | 229.2  | 231.2  |
| 107.5° | 271.4  | 271.6  | 271.8  | 272.0  | 272.2  | 272.3  | 272.7  | 273.6  | 274.5  | 275.4  | 276.3  |
| 110°   | 318.4  | 318.8  | 319.2  | 319.7  | 320.1  | 320.3  | 320.5  | 321.0  | 321.4  | 321.9  | 322.3  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 367.4  | 367.6  | 367.8  | 368.0  | 368.2  | 368.3  | 368.3  | 368.3  | 368.3  | 368.3  | 368.3  |
| 115°   | 416.3  | 417.0  | 417.6  | 418.3  | 419.0  | 419.3  | 419.1  | 418.6  | 418.2  | 417.7  | 417.3  |
| 117.5° | 466.3  | 466.5  | 466.7  | 467.0  | 467.2  | 467.3  | 467.1  | 466.6  | 466.2  | 465.7  | 465.3  |
| 120°   | 512.3  | 513.6  | 514.9  | 516.2  | 517.5  | 518.2  | 517.7  | 516.6  | 515.5  | 514.4  | 513.3  |
| 122.5° | 560.3  | 561.2  | 562.1  | 563.0  | 563.9  | 564.3  | 564.1  | 563.6  | 563.2  | 562.7  | 562.3  |
| 125°   | 609.3  | 610.0  | 610.6  | 611.3  | 612.0  | 612.3  | 612.1  | 611.6  | 611.2  | 610.7  | 610.3  |
| 127.5° | 654.4  | 655.7  | 657.0  | 658.3  | 659.6  | 660.3  | 660.1  | 659.6  | 659.2  | 658.7  | 658.3  |
| 130°   | 699.4  | 701.2  | 702.9  | 704.7  | 706.4  | 707.3  | 707.0  | 706.3  | 705.6  | 705.0  | 704.3  |
| 132.5° | 744.5  | 746.2  | 748.0  | 749.7  | 751.4  | 752.3  | 752.1  | 751.7  | 751.2  | 750.8  | 750.4  |
| 135°   | 790.6  | 791.9  | 793.2  | 794.5  | 795.8  | 796.4  | 796.3  | 796.1  | 795.9  | 795.7  | 795.5  |
| 137.5° | 832.7  | 833.8  | 834.9  | 836.0  | 837.1  | 837.6  | 837.9  | 838.6  | 839.2  | 839.9  | 840.5  |
| 140°   | 876.8  | 877.9  | 879.0  | 880.1  | 881.2  | 881.7  | 881.8  | 882.0  | 882.2  | 882.4  | 882.6  |
| 142.5° | 916.9  | 918.0  | 919.1  | 920.2  | 921.3  | 921.8  | 922.0  | 922.5  | 922.9  | 923.4  | 923.8  |
| 145°   | 959.0  | 959.4  | 959.9  | 960.3  | 960.8  | 961.0  | 961.3  | 962.0  | 962.6  | 963.3  | 963.9  |
| 147.5° | 995.3  | 996.2  | 997.0  | 997.9  | 998.8  | 999.2  | 999.5  | 1000.2 | 1000.9 | 1001.5 | 1002.2 |
| 150°   | 1033.5 | 1033.9 | 1034.4 | 1034.8 | 1035.3 | 1035.5 | 1035.7 | 1036.1 | 1036.6 | 1037.0 | 1037.4 |
| 152.5° | 1064.8 | 1065.5 | 1066.1 | 1066.8 | 1067.5 | 1067.8 | 1067.9 | 1068.1 | 1068.4 | 1068.6 | 1068.8 |
| 155°   | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.3 | 1098.5 | 1098.7 | 1098.9 | 1099.1 |
| 157.5° | 1126.6 | 1126.4 | 1126.2 | 1125.9 | 1125.7 | 1125.6 | 1125.7 | 1125.9 | 1126.2 | 1126.4 | 1126.6 |
| 160°   | 1153.0 | 1152.6 | 1152.2 | 1151.7 | 1151.3 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.1 |
| 162.5° | 1176.5 | 1175.9 | 1175.2 | 1174.6 | 1173.9 | 1173.6 | 1173.7 | 1173.9 | 1174.2 | 1174.4 | 1174.6 |
| 165°   | 1196.1 | 1195.5 | 1194.8 | 1194.2 | 1193.5 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1193.2 |
| 167.5° | 1212.8 | 1211.9 | 1211.1 | 1210.2 | 1209.3 | 1208.9 | 1209.0 | 1209.2 | 1209.4 | 1209.6 | 1209.8 |
| 170°   | 1226.5 | 1225.6 | 1224.8 | 1223.9 | 1223.0 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1222.6 |
| 172.5° | 1237.3 | 1236.4 | 1235.5 | 1234.6 | 1233.7 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1233.3 |
| 175°   | 1244.1 | 1243.2 | 1242.4 | 1241.5 | 1240.6 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 |
| 177.5° | 1248.0 | 1247.1 | 1246.3 | 1245.4 | 1244.5 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.1 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1134.2 | 1136.3 | 1143.6 | 1148.8 | 1159.2 | 1158.2 | 1158.2 | 1157.2 | 1154.0 | 1159.2 | 1162.4 |
| 5°     | 1213.5 | 1231.2 | 1233.3 | 1256.3 | 1257.3 | 1266.7 | 1273.0 | 1267.8 | 1280.3 | 1279.2 | 1269.8 |
| 7.5°   | 1311.6 | 1335.6 | 1347.1 | 1369.0 | 1394.0 | 1387.8 | 1411.8 | 1415.9 | 1413.8 | 1424.3 | 1431.6 |
| 10°    | 1419.1 | 1460.8 | 1490.0 | 1530.7 | 1541.1 | 1547.4 | 1563.1 | 1576.6 | 1603.7 | 1582.9 | 1596.4 |
| 12.5°  | 1542.2 | 1572.4 | 1611.0 | 1675.7 | 1708.1 | 1729.0 | 1736.3 | 1745.7 | 1764.4 | 1753.0 | 1754.0 |
| 15°    | 1645.5 | 1686.2 | 1751.9 | 1832.3 | 1841.6 | 1867.7 | 1861.5 | 1917.8 | 1944.9 | 1904.3 | 1927.2 |
| 17.5°  | 1753.0 | 1807.2 | 1885.5 | 1955.4 | 1995.0 | 2012.8 | 2029.5 | 2083.7 | 2081.6 | 2075.4 | 2080.6 |
| 20°    | 1821.8 | 1910.5 | 2007.6 | 2100.4 | 2111.9 | 2125.5 | 2170.3 | 2193.3 | 2189.1 | 2206.8 | 2218.3 |
| 22.5°  | 1918.9 | 2012.8 | 2116.1 | 2177.6 | 2203.7 | 2219.4 | 2254.8 | 2269.4 | 2275.7 | 2279.9 | 2272.6 |
| 25°    | 2000.2 | 2100.4 | 2176.6 | 2230.8 | 2246.5 | 2254.8 | 2266.3 | 2270.5 | 2267.4 | 2260.1 | 2266.3 |
| 27.5°  | 2055.5 | 2135.9 | 2188.1 | 2213.1 | 2204.8 | 2191.2 | 2169.3 | 2154.7 | 2122.3 | 2106.7 | 2125.5 |
| 30°    | 2078.5 | 2114.0 | 2129.6 | 2087.9 | 2046.2 | 2012.8 | 1971.0 | 1893.8 | 1833.3 | 1851.0 | 1827.0 |
| 32.5°  | 2042.0 | 2019.0 | 1943.9 | 1836.4 | 1804.1 | 1749.8 | 1631.9 | 1541.1 | 1544.3 | 1496.3 | 1516.1 |
| 35°    | 1934.5 | 1830.2 | 1688.3 | 1525.5 | 1482.7 | 1453.5 | 1324.1 | 1304.3 | 1262.5 | 1217.7 | 1230.2 |
| 37.5°  | 1744.6 | 1592.3 | 1420.1 | 1300.1 | 1236.5 | 1172.8 | 1099.8 | 1055.9 | 1030.9 | 1012.1 | 1026.7 |
| 40°    | 1513.0 | 1327.2 | 1185.3 | 1077.9 | 1023.6 | 982.9  | 932.8  | 889.0  | 860.8  | 857.7  | 862.9  |
| 42.5°  | 1285.5 | 1129.0 | 998.6  | 896.3  | 878.6  | 830.6  | 798.2  | 763.8  | 755.4  | 741.9  | 749.2  |
| 45°    | 1088.3 | 961.0  | 853.5  | 770.0  | 749.2  | 736.7  | 697.0  | 675.1  | 665.7  | 657.4  | 669.9  |
| 47.5°  | 945.3  | 811.8  | 733.5  | 683.4  | 662.6  | 641.7  | 619.8  | 605.2  | 597.9  | 598.9  | 597.9  |
| 50°    | 807.6  | 709.5  | 640.7  | 602.1  | 589.5  | 574.9  | 557.2  | 547.8  | 544.7  | 535.3  | 542.6  |
| 52.5°  | 694.9  | 624.0  | 576.0  | 539.5  | 530.1  | 519.6  | 505.0  | 499.8  | 492.5  | 490.4  | 490.4  |
| 55°    | 604.1  | 548.8  | 510.2  | 486.2  | 474.8  | 466.4  | 458.1  | 451.8  | 446.6  | 446.6  | 446.6  |
| 57.5°  | 533.2  | 485.2  | 457.0  | 436.2  | 432.0  | 423.6  | 414.2  | 414.2  | 406.9  | 405.9  | 409.0  |
| 60°    | 472.7  | 429.9  | 408.0  | 390.2  | 384.0  | 381.9  | 372.5  | 372.5  | 370.4  | 365.2  | 369.4  |
| 62.5°  | 411.1  | 379.8  | 361.0  | 347.5  | 341.2  | 341.2  | 333.9  | 328.7  | 328.7  | 329.7  | 327.6  |
| 65°    | 354.8  | 331.8  | 315.1  | 304.7  | 301.5  | 297.4  | 296.3  | 292.2  | 289.0  | 290.1  | 289.0  |
| 67.5°  | 304.7  | 286.9  | 275.5  | 267.1  | 261.9  | 259.8  | 256.7  | 256.7  | 254.6  | 255.6  | 250.4  |
| 70°    | 259.8  | 242.1  | 232.7  | 224.3  | 222.2  | 222.2  | 218.1  | 219.1  | 217.0  | 220.2  | 218.1  |
| 72.5°  | 213.9  | 200.3  | 193.0  | 189.9  | 187.8  | 186.8  | 184.7  | 182.6  | 181.6  | 183.6  | 182.6  |
| 75°    | 173.2  | 161.7  | 156.5  | 154.4  | 152.3  | 152.3  | 151.3  | 150.3  | 149.2  | 149.2  | 149.2  |
| 77.5°  | 134.6  | 127.3  | 121.0  | 123.1  | 120.0  | 121.0  | 117.9  | 117.9  | 119.0  | 117.9  | 117.9  |
| 80°    | 99.1   | 93.9   | 93.9   | 91.8   | 87.6   | 89.7   | 89.7   | 86.6   | 85.6   | 87.6   | 84.5   |
| 82.5°  | 65.7   | 64.7   | 62.6   | 61.6   | 59.5   | 60.5   | 59.5   | 58.4   | 57.4   | 59.5   | 57.4   |
| 85°    | 38.6   | 38.6   | 37.6   | 35.5   | 37.6   | 36.5   | 35.5   | 35.5   | 34.4   | 34.4   | 34.4   |
| 87.5°  | 19.8   | 17.7   | 17.7   | 16.7   | 17.7   | 15.7   | 16.7   | 15.7   | 14.6   | 15.7   | 14.6   |
| 90°    | 24.4   | 25.2   | 26.1   | 27.0   | 27.4   | 27.6   | 28.1   | 28.5   | 29.0   | 29.4   | 29.0   |
| 92.5°  | 41.8   | 42.4   | 43.1   | 43.8   | 44.1   | 43.9   | 43.4   | 43.0   | 42.5   | 42.1   | 42.5   |
| 95°    | 73.4   | 74.2   | 75.1   | 76.0   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   |
| 97.5°  | 106.9  | 108.0  | 109.1  | 110.2  | 110.7  | 110.6  | 110.4  | 110.1  | 109.9  | 109.7  | 109.9  |
| 100°   | 144.6  | 145.3  | 145.9  | 146.6  | 146.9  | 147.1  | 147.6  | 148.0  | 148.5  | 148.9  | 148.5  |
| 102.5° | 187.7  | 188.4  | 189.0  | 189.7  | 190.0  | 189.9  | 189.7  | 189.5  | 189.3  | 189.1  | 189.3  |
| 105°   | 231.2  | 231.2  | 231.2  | 231.2  | 231.2  | 231.4  | 231.8  | 232.3  | 232.7  | 233.1  | 232.7  |
| 107.5° | 276.9  | 277.6  | 278.2  | 278.9  | 279.2  | 279.1  | 278.9  | 278.6  | 278.4  | 278.2  | 278.4  |
| 110°   | 323.2  | 324.0  | 324.9  | 325.8  | 326.2  | 326.0  | 325.6  | 325.1  | 324.7  | 324.3  | 324.7  |

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CATALOG NUMBER: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 369.4  | 370.5  | 371.6  | 372.7  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  |
| 115°   | 417.5  | 417.7  | 418.0  | 418.2  | 418.3  | 418.2  | 418.0  | 417.7  | 417.5  | 417.3  | 417.5  |
| 117.5° | 465.3  | 465.3  | 465.3  | 465.3  | 465.3  | 465.0  | 464.3  | 463.7  | 463.0  | 462.4  | 463.0  |
| 120°   | 513.1  | 512.9  | 512.6  | 512.4  | 512.3  | 512.1  | 511.7  | 511.2  | 510.8  | 510.4  | 510.8  |
| 122.5° | 561.7  | 561.0  | 560.4  | 559.7  | 559.4  | 559.1  | 558.4  | 557.7  | 557.1  | 556.4  | 557.1  |
| 125°   | 609.4  | 608.6  | 607.7  | 606.8  | 606.4  | 606.0  | 605.1  | 604.2  | 603.4  | 602.5  | 603.4  |
| 127.5° | 657.0  | 655.7  | 654.4  | 653.1  | 652.4  | 652.0  | 651.1  | 650.2  | 649.4  | 648.5  | 649.4  |
| 130°   | 703.4  | 702.6  | 701.7  | 700.8  | 700.4  | 699.6  | 698.1  | 696.6  | 695.1  | 693.6  | 695.1  |
| 132.5° | 749.3  | 748.2  | 747.1  | 746.0  | 745.5  | 745.0  | 743.9  | 742.8  | 741.7  | 740.6  | 741.7  |
| 135°   | 794.6  | 793.7  | 792.8  | 791.9  | 791.5  | 791.3  | 790.9  | 790.4  | 790.0  | 789.6  | 790.0  |
| 137.5° | 839.4  | 838.3  | 837.2  | 836.1  | 835.6  | 835.3  | 834.6  | 834.0  | 833.3  | 832.7  | 833.3  |
| 140°   | 882.4  | 882.2  | 882.0  | 881.8  | 881.7  | 880.9  | 879.4  | 877.9  | 876.3  | 874.8  | 876.3  |
| 142.5° | 923.6  | 923.4  | 923.1  | 922.9  | 922.8  | 922.3  | 921.2  | 920.1  | 919.0  | 917.9  | 919.0  |
| 145°   | 963.7  | 963.5  | 963.3  | 963.1  | 963.0  | 962.6  | 961.7  | 960.8  | 959.9  | 959.0  | 959.9  |
| 147.5° | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1001.5 | 1000.2 | 998.9  | 997.6  | 996.3  | 997.6  |
| 150°   | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1036.7 | 1035.4 | 1034.1 | 1032.8 | 1031.5 | 1032.8 |
| 152.5° | 1069.2 | 1069.6 | 1070.1 | 1070.5 | 1070.7 | 1070.2 | 1069.1 | 1068.0 | 1066.9 | 1065.8 | 1066.9 |
| 155°   | 1100.0 | 1100.9 | 1101.8 | 1102.7 | 1103.1 | 1102.3 | 1100.8 | 1099.3 | 1097.7 | 1096.2 | 1097.7 |
| 157.5° | 1127.5 | 1128.3 | 1129.2 | 1130.1 | 1130.5 | 1129.8 | 1128.5 | 1127.2 | 1125.9 | 1124.6 | 1125.9 |
| 160°   | 1152.2 | 1153.3 | 1154.4 | 1155.5 | 1156.0 | 1155.6 | 1154.7 | 1153.8 | 1152.9 | 1152.0 | 1152.9 |
| 162.5° | 1175.7 | 1176.8 | 1177.9 | 1179.0 | 1179.5 | 1178.7 | 1177.2 | 1175.7 | 1174.1 | 1172.6 | 1174.1 |
| 165°   | 1194.5 | 1195.8 | 1197.1 | 1198.4 | 1199.1 | 1198.3 | 1196.8 | 1195.3 | 1193.7 | 1192.2 | 1193.7 |
| 167.5° | 1211.1 | 1212.4 | 1213.7 | 1215.0 | 1215.7 | 1215.0 | 1213.7 | 1212.4 | 1211.1 | 1209.8 | 1211.1 |
| 170°   | 1224.1 | 1225.6 | 1227.1 | 1228.6 | 1229.4 | 1228.6 | 1227.1 | 1225.6 | 1224.1 | 1222.6 | 1224.1 |
| 172.5° | 1234.6 | 1235.9 | 1237.2 | 1238.5 | 1239.2 | 1238.4 | 1236.9 | 1235.4 | 1233.9 | 1232.4 | 1233.9 |
| 175°   | 1241.5 | 1242.8 | 1244.1 | 1245.4 | 1246.1 | 1245.3 | 1243.8 | 1242.3 | 1240.7 | 1239.2 | 1240.7 |
| 177.5° | 1245.4 | 1246.7 | 1248.0 | 1249.3 | 1250.0 | 1249.2 | 1247.7 | 1246.2 | 1244.6 | 1243.1 | 1244.6 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

TEST NUMBER: P1011896

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1154.0 | 1157.2 | 1148.8 | 1146.7 | 1146.7 | 1150.9 | 1147.8 | 1119.6 | 1124.8 | 1118.6 | 1116.5 |
| 5°     | 1281.3 | 1275.1 | 1266.7 | 1262.5 | 1257.3 | 1242.7 | 1241.7 | 1209.3 | 1203.1 | 1182.2 | 1172.8 |
| 7.5°   | 1421.1 | 1415.9 | 1390.9 | 1387.8 | 1385.7 | 1372.1 | 1337.7 | 1303.2 | 1278.2 | 1254.2 | 1231.2 |
| 10°    | 1580.8 | 1565.1 | 1553.7 | 1530.7 | 1519.2 | 1500.4 | 1455.6 | 1423.2 | 1380.5 | 1343.9 | 1295.9 |
| 12.5°  | 1772.8 | 1755.0 | 1716.4 | 1699.7 | 1685.1 | 1633.0 | 1588.1 | 1551.6 | 1468.1 | 1443.1 | 1383.6 |
| 15°    | 1913.6 | 1876.1 | 1871.9 | 1835.4 | 1833.3 | 1775.9 | 1690.3 | 1650.7 | 1586.0 | 1494.2 | 1432.6 |
| 17.5°  | 2066.0 | 2032.6 | 2006.5 | 1962.7 | 1956.4 | 1902.2 | 1839.6 | 1742.5 | 1671.6 | 1583.9 | 1505.7 |
| 20°    | 2177.6 | 2159.9 | 2115.0 | 2097.3 | 2060.8 | 2014.9 | 1950.2 | 1830.2 | 1743.6 | 1655.9 | 1559.9 |
| 22.5°  | 2266.3 | 2248.6 | 2213.1 | 2189.1 | 2168.2 | 2108.8 | 2031.5 | 1929.3 | 1810.3 | 1695.6 | 1596.4 |
| 25°    | 2265.3 | 2260.1 | 2245.5 | 2234.0 | 2218.3 | 2174.5 | 2109.8 | 2011.7 | 1879.2 | 1753.0 | 1615.2 |
| 27.5°  | 2136.9 | 2151.5 | 2176.6 | 2189.1 | 2186.0 | 2179.7 | 2143.2 | 2060.8 | 1941.8 | 1791.6 | 1637.1 |
| 30°    | 1869.8 | 1923.0 | 1970.0 | 2032.6 | 2051.4 | 2097.3 | 2118.2 | 2071.2 | 1976.2 | 1836.4 | 1665.3 |
| 32.5°  | 1550.5 | 1627.7 | 1730.0 | 1764.4 | 1823.9 | 1912.6 | 2011.7 | 2029.5 | 1970.0 | 1862.5 | 1683.0 |
| 35°    | 1271.9 | 1335.6 | 1414.9 | 1469.1 | 1522.4 | 1666.4 | 1791.6 | 1900.1 | 1919.9 | 1848.9 | 1678.9 |
| 37.5°  | 1052.8 | 1097.7 | 1167.6 | 1213.5 | 1262.5 | 1385.7 | 1561.0 | 1701.8 | 1801.0 | 1803.0 | 1667.4 |
| 40°    | 894.2  | 914.0  | 974.6  | 1007.9 | 1054.9 | 1161.3 | 1317.8 | 1501.5 | 1646.5 | 1713.3 | 1637.1 |
| 42.5°  | 757.5  | 783.6  | 833.7  | 858.7  | 889.0  | 981.9  | 1085.2 | 1259.4 | 1438.9 | 1581.8 | 1580.8 |
| 45°    | 676.1  | 694.9  | 717.9  | 738.7  | 773.2  | 828.5  | 946.4  | 1076.8 | 1249.0 | 1410.7 | 1474.4 |
| 47.5°  | 604.1  | 621.9  | 644.8  | 651.1  | 674.1  | 726.2  | 798.2  | 912.0  | 1072.6 | 1233.3 | 1353.3 |
| 50°    | 543.6  | 558.2  | 573.9  | 585.4  | 595.8  | 638.6  | 692.8  | 788.8  | 917.2  | 1072.6 | 1221.9 |
| 52.5°  | 496.7  | 507.1  | 520.7  | 526.9  | 536.3  | 567.6  | 609.4  | 680.3  | 785.7  | 927.6  | 1072.6 |
| 55°    | 452.8  | 460.2  | 468.5  | 478.9  | 483.1  | 506.1  | 538.4  | 598.9  | 677.2  | 804.5  | 942.2  |
| 57.5°  | 412.2  | 415.3  | 420.5  | 426.8  | 432.0  | 451.8  | 480.0  | 520.7  | 589.5  | 687.6  | 818.0  |
| 60°    | 366.2  | 374.6  | 377.7  | 384.0  | 387.1  | 402.8  | 424.7  | 459.1  | 512.3  | 596.8  | 694.9  |
| 62.5°  | 327.6  | 332.9  | 338.1  | 341.2  | 348.5  | 353.7  | 371.5  | 402.8  | 446.6  | 509.2  | 597.9  |
| 65°    | 293.2  | 295.3  | 298.4  | 301.5  | 303.6  | 309.9  | 326.6  | 347.5  | 380.9  | 436.2  | 505.0  |
| 67.5°  | 253.6  | 255.6  | 259.8  | 260.9  | 262.9  | 271.3  | 280.7  | 298.4  | 326.6  | 368.3  | 424.7  |
| 70°    | 214.9  | 218.1  | 220.2  | 222.2  | 225.4  | 228.5  | 238.9  | 253.6  | 275.5  | 304.7  | 348.5  |
| 72.5°  | 181.6  | 184.7  | 184.7  | 186.8  | 185.7  | 189.9  | 200.3  | 210.8  | 225.4  | 249.4  | 288.0  |
| 75°    | 148.2  | 148.2  | 150.3  | 151.3  | 152.3  | 156.5  | 160.7  | 169.0  | 180.5  | 199.3  | 223.3  |
| 77.5°  | 116.9  | 115.8  | 117.9  | 117.9  | 117.9  | 121.0  | 125.2  | 129.4  | 136.7  | 150.3  | 169.0  |
| 80°    | 85.6   | 85.6   | 87.6   | 88.7   | 86.6   | 87.6   | 89.7   | 93.9   | 99.1   | 108.5  | 119.0  |
| 82.5°  | 56.3   | 60.5   | 59.5   | 60.5   | 59.5   | 61.6   | 62.6   | 63.6   | 65.7   | 69.9   | 77.2   |
| 85°    | 34.4   | 34.4   | 34.4   | 35.5   | 34.4   | 35.5   | 35.5   | 35.5   | 36.5   | 38.6   | 41.7   |
| 87.5°  | 14.6   | 14.6   | 14.6   | 15.7   | 14.6   | 14.6   | 15.7   | 14.6   | 15.7   | 15.7   | 16.7   |
| 90°    | 28.5   | 28.1   | 27.6   | 27.4   | 27.0   | 26.1   | 25.2   | 24.4   | 23.5   | 20.7   | 17.9   |
| 92.5°  | 43.0   | 43.4   | 43.9   | 44.1   | 43.8   | 43.1   | 42.4   | 41.8   | 41.1   | 39.8   | 38.5   |
| 95°    | 76.4   | 76.4   | 76.4   | 76.4   | 76.0   | 75.1   | 74.2   | 73.4   | 72.5   | 70.8   | 69.0   |
| 97.5°  | 110.1  | 110.4  | 110.6  | 110.7  | 110.2  | 109.1  | 108.0  | 106.9  | 105.8  | 104.5  | 103.2  |
| 100°   | 148.0  | 147.6  | 147.1  | 146.9  | 146.6  | 145.9  | 145.3  | 144.6  | 144.0  | 142.9  | 141.8  |
| 102.5° | 189.5  | 189.7  | 189.9  | 190.0  | 189.7  | 189.0  | 188.4  | 187.7  | 187.1  | 185.6  | 184.0  |
| 105°   | 232.3  | 231.8  | 231.4  | 231.2  | 231.2  | 231.2  | 231.2  | 231.2  | 231.2  | 229.2  | 227.3  |
| 107.5° | 278.6  | 278.9  | 279.1  | 279.2  | 278.9  | 278.2  | 277.6  | 276.9  | 276.3  | 275.4  | 274.5  |
| 110°   | 325.1  | 325.6  | 326.0  | 326.2  | 325.8  | 324.9  | 324.0  | 323.2  | 322.3  | 321.9  | 321.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 373.2  | 373.2  | 373.2  | 373.2  | 372.7  | 371.6  | 370.5  | 369.4  | 368.3  | 368.3  | 368.3  |
| 115°   | 417.7  | 418.0  | 418.2  | 418.3  | 418.2  | 418.0  | 417.7  | 417.5  | 417.3  | 417.7  | 418.2  |
| 117.5° | 463.7  | 464.3  | 465.0  | 465.3  | 465.3  | 465.3  | 465.3  | 465.3  | 465.3  | 465.7  | 466.2  |
| 120°   | 511.2  | 511.7  | 512.1  | 512.3  | 512.4  | 512.6  | 512.9  | 513.1  | 513.3  | 514.4  | 515.5  |
| 122.5° | 557.7  | 558.4  | 559.1  | 559.4  | 559.7  | 560.4  | 561.0  | 561.7  | 562.3  | 562.7  | 563.2  |
| 125°   | 604.2  | 605.1  | 606.0  | 606.4  | 606.8  | 607.7  | 608.6  | 609.4  | 610.3  | 610.7  | 611.2  |
| 127.5° | 650.2  | 651.1  | 652.0  | 652.4  | 653.1  | 654.4  | 655.7  | 657.0  | 658.3  | 658.7  | 659.2  |
| 130°   | 696.6  | 698.1  | 699.6  | 700.4  | 700.8  | 701.7  | 702.6  | 703.4  | 704.3  | 705.0  | 705.6  |
| 132.5° | 742.8  | 743.9  | 745.0  | 745.5  | 746.0  | 747.1  | 748.2  | 749.3  | 750.4  | 750.8  | 751.2  |
| 135°   | 790.4  | 790.9  | 791.3  | 791.5  | 791.9  | 792.8  | 793.7  | 794.6  | 795.5  | 795.7  | 795.9  |
| 137.5° | 834.0  | 834.6  | 835.3  | 835.6  | 836.1  | 837.2  | 838.3  | 839.4  | 840.5  | 839.9  | 839.2  |
| 140°   | 877.9  | 879.4  | 880.9  | 881.7  | 881.8  | 882.0  | 882.2  | 882.4  | 882.6  | 882.4  | 882.2  |
| 142.5° | 920.1  | 921.2  | 922.3  | 922.8  | 922.9  | 923.1  | 923.4  | 923.6  | 923.8  | 923.4  | 922.9  |
| 145°   | 960.8  | 961.7  | 962.6  | 963.0  | 963.1  | 963.3  | 963.5  | 963.7  | 963.9  | 963.3  | 962.6  |
| 147.5° | 998.9  | 1000.2 | 1001.5 | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1001.5 | 1000.9 |
| 150°   | 1034.1 | 1035.4 | 1036.7 | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1037.0 | 1036.6 |
| 152.5° | 1068.0 | 1069.1 | 1070.2 | 1070.7 | 1070.5 | 1070.1 | 1069.6 | 1069.2 | 1068.8 | 1068.6 | 1068.4 |
| 155°   | 1099.3 | 1100.8 | 1102.3 | 1103.1 | 1102.7 | 1101.8 | 1100.9 | 1100.0 | 1099.1 | 1098.9 | 1098.7 |
| 157.5° | 1127.2 | 1128.5 | 1129.8 | 1130.5 | 1130.1 | 1129.2 | 1128.3 | 1127.5 | 1126.6 | 1126.4 | 1126.2 |
| 160°   | 1153.8 | 1154.7 | 1155.6 | 1156.0 | 1155.5 | 1154.4 | 1153.3 | 1152.2 | 1151.1 | 1151.1 | 1151.1 |
| 162.5° | 1175.7 | 1177.2 | 1178.7 | 1179.5 | 1179.0 | 1177.9 | 1176.8 | 1175.7 | 1174.6 | 1174.4 | 1174.2 |
| 165°   | 1195.3 | 1196.8 | 1198.3 | 1199.1 | 1198.4 | 1197.1 | 1195.8 | 1194.5 | 1193.2 | 1193.2 | 1193.2 |
| 167.5° | 1212.4 | 1213.7 | 1215.0 | 1215.7 | 1215.0 | 1213.7 | 1212.4 | 1211.1 | 1209.8 | 1209.6 | 1209.4 |
| 170°   | 1225.6 | 1227.1 | 1228.6 | 1229.4 | 1228.6 | 1227.1 | 1225.6 | 1224.1 | 1222.6 | 1222.6 | 1222.6 |
| 172.5° | 1235.4 | 1236.9 | 1238.4 | 1239.2 | 1238.5 | 1237.2 | 1235.9 | 1234.6 | 1233.3 | 1233.3 | 1233.3 |
| 175°   | 1242.3 | 1243.8 | 1245.3 | 1246.1 | 1245.4 | 1244.1 | 1242.8 | 1241.5 | 1240.2 | 1240.2 | 1240.2 |
| 177.5° | 1246.2 | 1247.7 | 1249.2 | 1250.0 | 1249.3 | 1248.0 | 1246.7 | 1245.4 | 1244.1 | 1244.1 | 1244.1 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1106.0 | 1102.9 | 1102.9 | 1100.8 | 1094.6 | 1083.1 | 1082.0 | 1084.1 | 1077.9 | 1071.6 | 1062.2 |
| 5°     | 1160.3 | 1140.5 | 1134.2 | 1127.9 | 1115.4 | 1094.6 | 1086.2 | 1078.9 | 1067.4 | 1053.9 | 1039.3 |
| 7.5°   | 1206.2 | 1178.0 | 1169.7 | 1158.2 | 1133.2 | 1103.9 | 1085.2 | 1069.5 | 1053.9 | 1035.1 | 1017.3 |
| 10°    | 1263.6 | 1222.9 | 1203.1 | 1186.4 | 1151.9 | 1111.2 | 1083.1 | 1060.1 | 1035.1 | 1012.1 | 989.2  |
| 12.5°  | 1328.3 | 1262.5 | 1256.3 | 1215.6 | 1175.9 | 1115.4 | 1081.0 | 1047.6 | 1014.2 | 986.0  | 962.0  |
| 15°    | 1382.5 | 1310.5 | 1284.5 | 1257.3 | 1181.2 | 1106.0 | 1072.6 | 1035.1 | 996.5  | 966.2  | 930.7  |
| 17.5°  | 1417.0 | 1357.5 | 1302.2 | 1265.7 | 1186.4 | 1119.6 | 1054.9 | 1012.1 | 971.4  | 929.7  | 900.5  |
| 20°    | 1458.7 | 1372.1 | 1324.1 | 1275.1 | 1196.8 | 1109.2 | 1044.5 | 991.3  | 941.2  | 903.6  | 868.1  |
| 22.5°  | 1500.4 | 1383.6 | 1343.9 | 1290.7 | 1198.9 | 1098.7 | 1025.7 | 972.5  | 915.1  | 877.5  | 838.9  |
| 25°    | 1496.3 | 1400.3 | 1334.5 | 1289.7 | 1178.0 | 1089.3 | 1003.8 | 941.2  | 888.0  | 840.0  | 801.4  |
| 27.5°  | 1499.4 | 1381.5 | 1314.7 | 1262.5 | 1163.4 | 1075.8 | 980.8  | 915.1  | 859.8  | 809.7  | 769.0  |
| 30°    | 1500.4 | 1353.3 | 1294.9 | 1232.3 | 1136.3 | 1043.4 | 954.7  | 888.0  | 829.5  | 775.3  | 738.7  |
| 32.5°  | 1497.3 | 1330.4 | 1257.3 | 1201.0 | 1093.5 | 1012.1 | 924.5  | 853.5  | 794.0  | 744.0  | 709.5  |
| 35°    | 1490.0 | 1303.2 | 1218.7 | 1147.8 | 1049.7 | 967.3  | 896.3  | 823.3  | 759.6  | 713.7  | 674.1  |
| 37.5°  | 1470.2 | 1274.0 | 1178.0 | 1108.1 | 998.6  | 915.1  | 852.5  | 792.0  | 730.4  | 676.1  | 642.7  |
| 40°    | 1455.6 | 1234.4 | 1137.3 | 1061.2 | 943.3  | 861.9  | 809.7  | 752.3  | 691.8  | 642.7  | 610.4  |
| 42.5°  | 1422.2 | 1196.8 | 1095.6 | 1004.8 | 889.0  | 805.5  | 756.5  | 710.6  | 658.4  | 610.4  | 581.2  |
| 45°    | 1367.9 | 1156.1 | 1044.5 | 952.6  | 829.5  | 750.2  | 705.4  | 667.8  | 621.9  | 576.0  | 546.8  |
| 47.5°  | 1291.8 | 1097.7 | 990.2  | 898.4  | 771.1  | 690.7  | 645.9  | 617.7  | 581.2  | 542.6  | 517.5  |
| 50°    | 1209.3 | 1034.0 | 934.9  | 844.1  | 714.7  | 636.5  | 592.7  | 566.6  | 542.6  | 507.1  | 483.1  |
| 52.5°  | 1101.9 | 966.2  | 871.3  | 784.7  | 654.2  | 579.1  | 540.5  | 521.7  | 496.7  | 471.6  | 450.8  |
| 55°    | 997.5  | 878.6  | 800.3  | 717.9  | 594.8  | 524.8  | 487.3  | 467.5  | 452.8  | 432.0  | 415.3  |
| 57.5°  | 876.5  | 797.2  | 725.2  | 650.1  | 539.5  | 475.8  | 440.3  | 416.3  | 406.9  | 397.5  | 381.9  |
| 60°    | 764.8  | 704.3  | 645.9  | 583.3  | 482.1  | 424.7  | 390.2  | 371.5  | 362.1  | 355.8  | 345.4  |
| 62.5°  | 662.6  | 615.6  | 565.5  | 515.5  | 423.6  | 371.5  | 345.4  | 326.6  | 318.2  | 317.2  | 307.8  |
| 65°    | 564.5  | 531.1  | 490.4  | 441.4  | 369.4  | 323.5  | 298.4  | 286.9  | 277.6  | 277.6  | 270.2  |
| 67.5°  | 466.4  | 443.5  | 411.1  | 376.7  | 320.3  | 277.6  | 254.6  | 244.2  | 238.9  | 238.9  | 233.7  |
| 70°    | 388.2  | 372.5  | 343.3  | 313.0  | 264.0  | 231.6  | 213.9  | 204.5  | 201.4  | 202.4  | 198.3  |
| 72.5°  | 315.1  | 298.4  | 274.4  | 252.5  | 216.0  | 192.0  | 179.5  | 169.0  | 163.8  | 164.9  | 163.8  |
| 75°    | 244.2  | 235.8  | 214.9  | 198.3  | 169.0  | 152.3  | 140.9  | 135.6  | 131.5  | 132.5  | 130.4  |
| 77.5°  | 183.6  | 171.1  | 159.6  | 148.2  | 130.4  | 116.9  | 107.5  | 102.3  | 99.1   | 99.1   | 99.1   |
| 80°    | 125.2  | 123.1  | 113.7  | 107.5  | 92.9   | 82.4   | 75.1   | 74.1   | 71.0   | 71.0   | 71.0   |
| 82.5°  | 81.4   | 76.2   | 71.0   | 66.8   | 58.4   | 52.2   | 49.0   | 47.0   | 45.9   | 44.9   | 47.0   |
| 85°    | 44.9   | 41.7   | 39.7   | 35.5   | 32.3   | 29.2   | 26.1   | 25.0   | 24.0   | 25.0   | 24.0   |
| 87.5°  | 17.7   | 14.6   | 14.6   | 13.6   | 12.5   | 11.5   | 11.5   | 9.4    | 9.4    | 8.3    | 8.3    |
| 90°    | 15.0   | 12.2   | 10.8   | 9.7    | 7.5    | 5.4    | 3.2    | 1.0    | 3.2    | 5.4    | 7.5    |
| 92.5°  | 37.2   | 35.9   | 35.3   | 34.6   | 33.3   | 32.0   | 30.7   | 29.4   | 30.7   | 32.0   | 33.3   |
| 95°    | 67.3   | 65.6   | 64.7   | 63.9   | 62.4   | 60.9   | 59.3   | 57.8   | 59.3   | 60.9   | 62.4   |
| 97.5°  | 101.9  | 100.6  | 99.9   | 99.4   | 98.3   | 97.2   | 96.1   | 95.0   | 96.1   | 97.2   | 98.3   |
| 100°   | 140.7  | 139.6  | 139.1  | 138.4  | 137.1  | 135.8  | 134.5  | 133.2  | 134.5  | 135.8  | 137.1  |
| 102.5° | 182.5  | 181.0  | 180.2  | 179.9  | 179.2  | 178.6  | 177.9  | 177.3  | 177.9  | 178.6  | 179.2  |
| 105°   | 225.3  | 223.4  | 222.4  | 222.2  | 221.7  | 221.3  | 220.8  | 220.4  | 220.8  | 221.3  | 221.7  |
| 107.5° | 273.6  | 272.7  | 272.3  | 272.2  | 272.0  | 271.8  | 271.6  | 271.4  | 271.6  | 271.8  | 272.0  |
| 110°   | 321.0  | 320.5  | 320.3  | 320.1  | 319.7  | 319.2  | 318.8  | 318.4  | 318.8  | 319.2  | 319.7  |

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CATALOG NUMBER: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 368.3  | 368.3  | 368.3  | 368.2  | 368.0  | 367.8  | 367.6  | 367.4  | 367.6  | 367.8  | 368.0  |
| 115°   | 418.6  | 419.1  | 419.3  | 419.0  | 418.3  | 417.6  | 417.0  | 416.3  | 417.0  | 417.6  | 418.3  |
| 117.5° | 466.6  | 467.1  | 467.3  | 467.2  | 467.0  | 466.7  | 466.5  | 466.3  | 466.5  | 466.7  | 467.0  |
| 120°   | 516.6  | 517.7  | 518.2  | 517.5  | 516.2  | 514.9  | 513.6  | 512.3  | 513.6  | 514.9  | 516.2  |
| 122.5° | 563.6  | 564.1  | 564.3  | 563.9  | 563.0  | 562.1  | 561.2  | 560.3  | 561.2  | 562.1  | 563.0  |
| 125°   | 611.6  | 612.1  | 612.3  | 612.0  | 611.3  | 610.6  | 610.0  | 609.3  | 610.0  | 610.6  | 611.3  |
| 127.5° | 659.6  | 660.1  | 660.3  | 659.6  | 658.3  | 657.0  | 655.7  | 654.4  | 655.7  | 657.0  | 658.3  |
| 130°   | 706.3  | 707.0  | 707.3  | 706.4  | 704.7  | 702.9  | 701.2  | 699.4  | 701.2  | 702.9  | 704.7  |
| 132.5° | 751.7  | 752.1  | 752.3  | 751.4  | 749.7  | 748.0  | 746.2  | 744.5  | 746.2  | 748.0  | 749.7  |
| 135°   | 796.1  | 796.3  | 796.4  | 795.8  | 794.5  | 793.2  | 791.9  | 790.6  | 791.9  | 793.2  | 794.5  |
| 137.5° | 838.6  | 837.9  | 837.6  | 837.1  | 836.0  | 834.9  | 833.8  | 832.7  | 833.8  | 834.9  | 836.0  |
| 140°   | 882.0  | 881.8  | 881.7  | 881.2  | 880.1  | 879.0  | 877.9  | 876.8  | 877.9  | 879.0  | 880.1  |
| 142.5° | 922.5  | 922.0  | 921.8  | 921.3  | 920.2  | 919.1  | 918.0  | 916.9  | 918.0  | 919.1  | 920.2  |
| 145°   | 962.0  | 961.3  | 961.0  | 960.8  | 960.3  | 959.9  | 959.4  | 959.0  | 959.4  | 959.9  | 960.3  |
| 147.5° | 1000.2 | 999.5  | 999.2  | 998.8  | 997.9  | 997.0  | 996.2  | 995.3  | 996.2  | 997.0  | 997.9  |
| 150°   | 1036.1 | 1035.7 | 1035.5 | 1035.3 | 1034.8 | 1034.4 | 1033.9 | 1033.5 | 1033.9 | 1034.4 | 1034.8 |
| 152.5° | 1068.1 | 1067.9 | 1067.8 | 1067.5 | 1066.8 | 1066.1 | 1065.5 | 1064.8 | 1065.5 | 1066.1 | 1066.8 |
| 155°   | 1098.5 | 1098.3 | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.2 | 1098.2 |
| 157.5° | 1125.9 | 1125.7 | 1125.6 | 1125.7 | 1125.9 | 1126.2 | 1126.4 | 1126.6 | 1126.4 | 1126.2 | 1125.9 |
| 160°   | 1151.1 | 1151.1 | 1151.1 | 1151.3 | 1151.7 | 1152.2 | 1152.6 | 1153.0 | 1152.6 | 1152.2 | 1151.7 |
| 162.5° | 1173.9 | 1173.7 | 1173.6 | 1173.9 | 1174.6 | 1175.2 | 1175.9 | 1176.5 | 1175.9 | 1175.2 | 1174.6 |
| 165°   | 1193.2 | 1193.2 | 1193.2 | 1193.5 | 1194.2 | 1194.8 | 1195.5 | 1196.1 | 1195.5 | 1194.8 | 1194.2 |
| 167.5° | 1209.2 | 1209.0 | 1208.9 | 1209.3 | 1210.2 | 1211.1 | 1211.9 | 1212.8 | 1211.9 | 1211.1 | 1210.2 |
| 170°   | 1222.6 | 1222.6 | 1222.6 | 1223.0 | 1223.9 | 1224.8 | 1225.6 | 1226.5 | 1225.6 | 1224.8 | 1223.9 |
| 172.5° | 1233.3 | 1233.3 | 1233.3 | 1233.7 | 1234.6 | 1235.5 | 1236.4 | 1237.3 | 1236.4 | 1235.5 | 1234.6 |
| 175°   | 1240.2 | 1240.2 | 1240.2 | 1240.6 | 1241.5 | 1242.4 | 1243.2 | 1244.1 | 1243.2 | 1242.4 | 1241.5 |
| 177.5° | 1244.1 | 1244.1 | 1244.1 | 1244.5 | 1245.4 | 1246.3 | 1247.1 | 1248.0 | 1247.1 | 1246.3 | 1245.4 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1060.1 | 1059.1 | 1061.2 | 1054.9 | 1044.5 | 1039.3 | 1024.6 | 1021.5 | 1020.5 | 1021.5 | 1022.6 |
| 5°     | 1030.9 | 1029.9 | 1026.7 | 1016.3 | 1003.8 | 994.4  | 976.6  | 975.6  | 969.3  | 963.1  | 966.2  |
| 7.5°   | 1002.7 | 998.6  | 992.3  | 978.7  | 962.0  | 951.6  | 937.0  | 926.6  | 918.2  | 913.0  | 908.8  |
| 10°    | 974.6  | 968.3  | 962.0  | 944.3  | 923.4  | 907.8  | 890.0  | 881.7  | 872.3  | 868.1  | 864.0  |
| 12.5°  | 938.0  | 931.8  | 920.3  | 899.4  | 886.9  | 867.1  | 849.3  | 841.0  | 835.8  | 827.4  | 822.2  |
| 15°    | 908.8  | 896.3  | 890.0  | 868.1  | 842.0  | 840.0  | 807.6  | 805.5  | 795.1  | 795.1  | 786.7  |
| 17.5°  | 875.4  | 866.0  | 854.6  | 832.7  | 813.9  | 795.1  | 778.4  | 772.1  | 762.7  | 760.7  | 756.5  |
| 20°    | 843.1  | 830.6  | 826.4  | 804.5  | 784.7  | 761.7  | 744.0  | 737.7  | 733.5  | 729.4  | 732.5  |
| 22.5°  | 809.7  | 799.3  | 788.8  | 769.0  | 754.4  | 731.4  | 721.0  | 714.7  | 708.5  | 706.4  | 707.4  |
| 25°    | 777.4  | 768.0  | 757.5  | 737.7  | 722.1  | 703.3  | 693.9  | 690.7  | 687.6  | 687.6  | 686.6  |
| 27.5°  | 746.0  | 736.7  | 727.3  | 709.5  | 693.9  | 680.3  | 673.0  | 669.9  | 666.7  | 668.8  | 670.9  |
| 30°    | 713.7  | 705.4  | 697.0  | 681.4  | 668.8  | 656.3  | 652.1  | 650.1  | 649.0  | 654.2  | 654.2  |
| 32.5°  | 684.5  | 677.2  | 670.9  | 656.3  | 643.8  | 633.4  | 630.2  | 631.3  | 632.3  | 635.4  | 637.5  |
| 35°    | 654.2  | 649.0  | 642.7  | 630.2  | 619.8  | 610.4  | 611.4  | 611.4  | 613.5  | 618.8  | 622.9  |
| 37.5°  | 627.1  | 619.8  | 614.6  | 604.1  | 595.8  | 587.4  | 590.6  | 593.7  | 595.8  | 602.1  | 604.1  |
| 40°    | 594.8  | 591.6  | 587.4  | 577.0  | 569.7  | 568.7  | 569.7  | 571.8  | 576.0  | 579.1  | 582.2  |
| 42.5°  | 568.7  | 564.5  | 559.3  | 550.9  | 544.7  | 545.7  | 546.8  | 548.8  | 550.9  | 556.1  | 559.3  |
| 45°    | 539.5  | 536.3  | 532.1  | 524.8  | 519.6  | 520.7  | 521.7  | 521.7  | 523.8  | 530.1  | 532.1  |
| 47.5°  | 507.1  | 508.1  | 502.9  | 495.6  | 492.5  | 492.5  | 492.5  | 494.6  | 499.8  | 501.9  | 502.9  |
| 50°    | 475.8  | 473.7  | 472.7  | 465.4  | 463.3  | 462.2  | 463.3  | 464.3  | 471.6  | 470.6  | 473.7  |
| 52.5°  | 442.4  | 442.4  | 441.4  | 437.2  | 434.1  | 434.1  | 432.0  | 437.2  | 439.3  | 441.4  | 444.5  |
| 55°    | 410.1  | 406.9  | 405.9  | 403.8  | 399.6  | 398.6  | 400.7  | 406.9  | 409.0  | 411.1  | 414.2  |
| 57.5°  | 374.6  | 374.6  | 372.5  | 369.4  | 369.4  | 369.4  | 369.4  | 373.5  | 376.7  | 378.8  | 385.0  |
| 60°    | 342.2  | 338.1  | 334.9  | 334.9  | 334.9  | 333.9  | 340.2  | 340.2  | 346.4  | 347.5  | 349.5  |
| 62.5°  | 303.6  | 301.5  | 299.5  | 300.5  | 299.5  | 301.5  | 303.6  | 307.8  | 308.9  | 312.0  | 315.1  |
| 65°    | 267.1  | 267.1  | 265.0  | 271.3  | 267.1  | 267.1  | 272.3  | 272.3  | 274.4  | 277.6  | 281.7  |
| 67.5°  | 231.6  | 232.7  | 230.6  | 230.6  | 232.7  | 233.7  | 234.8  | 238.9  | 240.0  | 244.2  | 249.4  |
| 70°    | 195.1  | 197.2  | 198.3  | 196.2  | 198.3  | 200.3  | 202.4  | 203.5  | 207.6  | 209.7  | 212.9  |
| 72.5°  | 162.8  | 164.9  | 161.7  | 162.8  | 163.8  | 165.9  | 166.9  | 169.0  | 171.1  | 177.4  | 179.5  |
| 75°    | 130.4  | 129.4  | 128.3  | 132.5  | 130.4  | 134.6  | 135.6  | 135.6  | 137.7  | 142.9  | 145.0  |
| 77.5°  | 100.2  | 100.2  | 101.2  | 99.1   | 102.3  | 101.2  | 102.3  | 105.4  | 108.5  | 108.5  | 116.9  |
| 80°    | 69.9   | 72.0   | 72.0   | 72.0   | 73.0   | 74.1   | 72.0   | 77.2   | 78.3   | 78.3   | 81.4   |
| 82.5°  | 44.9   | 45.9   | 44.9   | 47.0   | 47.0   | 49.0   | 48.0   | 49.0   | 51.1   | 53.2   | 54.3   |
| 85°    | 24.0   | 24.0   | 26.1   | 26.1   | 25.0   | 26.1   | 25.0   | 26.1   | 28.2   | 28.2   | 29.2   |
| 87.5°  | 8.3    | 8.3    | 8.3    | 8.3    | 9.4    | 8.3    | 9.4    | 9.4    | 8.3    | 8.3    | 11.5   |
| 90°    | 9.7    | 10.8   | 12.2   | 15.0   | 17.9   | 20.7   | 23.5   | 24.4   | 25.2   | 26.1   | 27.0   |
| 92.5°  | 34.6   | 35.3   | 35.9   | 37.2   | 38.5   | 39.8   | 41.1   | 41.8   | 42.4   | 43.1   | 43.8   |
| 95°    | 63.9   | 64.7   | 65.6   | 67.3   | 69.0   | 70.8   | 72.5   | 73.4   | 74.2   | 75.1   | 76.0   |
| 97.5°  | 99.4   | 99.9   | 100.6  | 101.9  | 103.2  | 104.5  | 105.8  | 106.9  | 108.0  | 109.1  | 110.2  |
| 100°   | 138.4  | 139.1  | 139.6  | 140.7  | 141.8  | 142.9  | 144.0  | 144.6  | 145.3  | 145.9  | 146.6  |
| 102.5° | 179.9  | 180.2  | 181.0  | 182.5  | 184.0  | 185.6  | 187.1  | 187.7  | 188.4  | 189.0  | 189.7  |
| 105°   | 222.2  | 222.4  | 223.4  | 225.3  | 227.3  | 229.2  | 231.2  | 231.2  | 231.2  | 231.2  | 231.2  |
| 107.5° | 272.2  | 272.3  | 272.7  | 273.6  | 274.5  | 275.4  | 276.3  | 276.9  | 277.6  | 278.2  | 278.9  |
| 110°   | 320.1  | 320.3  | 320.5  | 321.0  | 321.4  | 321.9  | 322.3  | 323.2  | 324.0  | 324.9  | 325.8  |

TEST NUMBER: P1011896

CATALOG NUMBER: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 368.2  | 368.3  | 368.3  | 368.3  | 368.3  | 368.3  | 368.3  | 369.4  | 370.5  | 371.6  | 372.7  |
| 115°   | 419.0  | 419.3  | 419.1  | 418.6  | 418.2  | 417.7  | 417.3  | 417.5  | 417.7  | 418.0  | 418.2  |
| 117.5° | 467.2  | 467.3  | 467.1  | 466.6  | 466.2  | 465.7  | 465.3  | 465.3  | 465.3  | 465.3  | 465.3  |
| 120°   | 517.5  | 518.2  | 517.7  | 516.6  | 515.5  | 514.4  | 513.3  | 513.1  | 512.9  | 512.6  | 512.4  |
| 122.5° | 563.9  | 564.3  | 564.1  | 563.6  | 563.2  | 562.7  | 562.3  | 561.7  | 561.0  | 560.4  | 559.7  |
| 125°   | 612.0  | 612.3  | 612.1  | 611.6  | 611.2  | 610.7  | 610.3  | 609.4  | 608.6  | 607.7  | 606.8  |
| 127.5° | 659.6  | 660.3  | 660.1  | 659.6  | 659.2  | 658.7  | 658.3  | 657.0  | 655.7  | 654.4  | 653.1  |
| 130°   | 706.4  | 707.3  | 707.0  | 706.3  | 705.6  | 705.0  | 704.3  | 703.4  | 702.6  | 701.7  | 700.8  |
| 132.5° | 751.4  | 752.3  | 752.1  | 751.7  | 751.2  | 750.8  | 750.4  | 749.3  | 748.2  | 747.1  | 746.0  |
| 135°   | 795.8  | 796.4  | 796.3  | 796.1  | 795.9  | 795.7  | 795.5  | 794.6  | 793.7  | 792.8  | 791.9  |
| 137.5° | 837.1  | 837.6  | 837.9  | 838.6  | 839.2  | 839.9  | 840.5  | 839.4  | 838.3  | 837.2  | 836.1  |
| 140°   | 881.2  | 881.7  | 881.8  | 882.0  | 882.2  | 882.4  | 882.6  | 882.4  | 882.2  | 882.0  | 881.8  |
| 142.5° | 921.3  | 921.8  | 922.0  | 922.5  | 922.9  | 923.4  | 923.8  | 923.6  | 923.4  | 923.1  | 922.9  |
| 145°   | 960.8  | 961.0  | 961.3  | 962.0  | 962.6  | 963.3  | 963.9  | 963.7  | 963.5  | 963.3  | 963.1  |
| 147.5° | 998.8  | 999.2  | 999.5  | 1000.2 | 1000.9 | 1001.5 | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1002.2 |
| 150°   | 1035.3 | 1035.5 | 1035.7 | 1036.1 | 1036.6 | 1037.0 | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1037.4 |
| 152.5° | 1067.5 | 1067.8 | 1067.9 | 1068.1 | 1068.4 | 1068.6 | 1068.8 | 1069.2 | 1069.6 | 1070.1 | 1070.5 |
| 155°   | 1098.2 | 1098.2 | 1098.3 | 1098.5 | 1098.7 | 1098.9 | 1099.1 | 1100.0 | 1100.9 | 1101.8 | 1102.7 |
| 157.5° | 1125.7 | 1125.6 | 1125.7 | 1125.9 | 1126.2 | 1126.4 | 1126.6 | 1127.5 | 1128.3 | 1129.2 | 1130.1 |
| 160°   | 1151.3 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1152.2 | 1153.3 | 1154.4 | 1155.5 |
| 162.5° | 1173.9 | 1173.6 | 1173.7 | 1173.9 | 1174.2 | 1174.4 | 1174.6 | 1175.7 | 1176.8 | 1177.9 | 1179.0 |
| 165°   | 1193.5 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1194.5 | 1195.8 | 1197.1 | 1198.4 |
| 167.5° | 1209.3 | 1208.9 | 1209.0 | 1209.2 | 1209.4 | 1209.6 | 1209.8 | 1211.1 | 1212.4 | 1213.7 | 1215.0 |
| 170°   | 1223.0 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1224.1 | 1225.6 | 1227.1 | 1228.6 |
| 172.5° | 1233.7 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1234.6 | 1235.9 | 1237.2 | 1238.5 |
| 175°   | 1240.6 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1241.5 | 1242.8 | 1244.1 | 1245.4 |
| 177.5° | 1244.5 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1245.4 | 1246.7 | 1248.0 | 1249.3 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

TEST NUMBER: P1011896

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1021.5 | 1022.6 | 1018.4 | 1015.3 | 1023.6 | 1018.4 | 1018.4 | 1019.4 | 1017.3 | 1020.5 | 1019.4 |
| 5°     | 964.1  | 965.2  | 957.9  | 960.0  | 955.8  | 954.7  | 953.7  | 960.0  | 958.9  | 957.9  | 960.0  |
| 7.5°   | 907.8  | 907.8  | 904.6  | 902.6  | 902.6  | 899.4  | 903.6  | 902.6  | 904.6  | 904.6  | 907.8  |
| 10°    | 860.8  | 862.9  | 857.7  | 852.5  | 851.4  | 852.5  | 852.5  | 853.5  | 854.6  | 861.9  | 860.8  |
| 12.5°  | 822.2  | 819.1  | 818.0  | 814.9  | 809.7  | 807.6  | 805.5  | 817.0  | 813.9  | 813.9  | 813.9  |
| 15°    | 779.4  | 786.7  | 785.7  | 776.3  | 774.2  | 778.4  | 776.3  | 776.3  | 786.7  | 785.7  | 784.7  |
| 17.5°  | 756.5  | 754.4  | 752.3  | 747.1  | 748.1  | 747.1  | 748.1  | 748.1  | 754.4  | 754.4  | 754.4  |
| 20°    | 730.4  | 726.2  | 726.2  | 724.1  | 724.1  | 721.0  | 725.2  | 726.2  | 730.4  | 730.4  | 731.4  |
| 22.5°  | 707.4  | 704.3  | 704.3  | 703.3  | 705.4  | 701.2  | 705.4  | 706.4  | 706.4  | 709.5  | 709.5  |
| 25°    | 687.6  | 685.5  | 685.5  | 687.6  | 687.6  | 687.6  | 687.6  | 691.8  | 688.7  | 689.7  | 688.7  |
| 27.5°  | 669.9  | 670.9  | 672.0  | 673.0  | 672.0  | 673.0  | 674.1  | 676.1  | 677.2  | 676.1  | 674.1  |
| 30°    | 653.2  | 656.3  | 657.4  | 657.4  | 659.4  | 660.5  | 661.5  | 661.5  | 662.6  | 659.4  | 661.5  |
| 32.5°  | 640.7  | 640.7  | 642.7  | 643.8  | 645.9  | 646.9  | 646.9  | 649.0  | 648.0  | 644.8  | 645.9  |
| 35°    | 622.9  | 622.9  | 627.1  | 629.2  | 632.3  | 631.3  | 632.3  | 632.3  | 633.4  | 631.3  | 628.1  |
| 37.5°  | 605.2  | 607.3  | 607.3  | 611.4  | 612.5  | 613.5  | 612.5  | 614.6  | 613.5  | 611.4  | 610.4  |
| 40°    | 584.3  | 583.3  | 584.3  | 587.4  | 588.5  | 588.5  | 588.5  | 590.6  | 590.6  | 590.6  | 589.5  |
| 42.5°  | 558.2  | 561.4  | 560.3  | 563.4  | 562.4  | 562.4  | 564.5  | 566.6  | 567.6  | 564.5  | 565.5  |
| 45°    | 533.2  | 533.2  | 535.3  | 535.3  | 536.3  | 536.3  | 540.5  | 538.4  | 540.5  | 538.4  | 539.5  |
| 47.5°  | 506.1  | 507.1  | 507.1  | 508.1  | 510.2  | 512.3  | 510.2  | 511.3  | 511.3  | 512.3  | 510.2  |
| 50°    | 475.8  | 475.8  | 477.9  | 481.0  | 485.2  | 483.1  | 482.1  | 486.2  | 483.1  | 483.1  | 481.0  |
| 52.5°  | 444.5  | 447.6  | 448.7  | 451.8  | 454.9  | 456.0  | 457.0  | 454.9  | 456.0  | 452.8  | 453.9  |
| 55°    | 414.2  | 415.3  | 419.5  | 422.6  | 425.7  | 425.7  | 424.7  | 425.7  | 426.8  | 422.6  | 422.6  |
| 57.5°  | 384.0  | 387.1  | 391.3  | 391.3  | 395.5  | 395.5  | 394.4  | 394.4  | 395.5  | 392.3  | 391.3  |
| 60°    | 351.6  | 354.8  | 360.0  | 360.0  | 366.2  | 367.3  | 365.2  | 363.1  | 363.1  | 360.0  | 361.0  |
| 62.5°  | 317.2  | 320.3  | 323.5  | 328.7  | 332.9  | 330.8  | 334.9  | 330.8  | 331.8  | 325.5  | 325.5  |
| 65°    | 286.9  | 288.0  | 293.2  | 298.4  | 298.4  | 300.5  | 298.4  | 299.5  | 296.3  | 296.3  | 292.2  |
| 67.5°  | 251.5  | 251.5  | 256.7  | 261.9  | 267.1  | 267.1  | 267.1  | 264.0  | 264.0  | 260.9  | 260.9  |
| 70°    | 220.2  | 219.1  | 224.3  | 227.5  | 230.6  | 231.6  | 229.6  | 228.5  | 226.4  | 223.3  | 222.2  |
| 72.5°  | 181.6  | 183.6  | 188.9  | 190.9  | 196.2  | 195.1  | 200.3  | 194.1  | 194.1  | 188.9  | 187.8  |
| 75°    | 147.1  | 149.2  | 154.4  | 157.6  | 160.7  | 160.7  | 163.8  | 160.7  | 156.5  | 154.4  | 153.4  |
| 77.5°  | 116.9  | 115.8  | 120.0  | 125.2  | 126.3  | 125.2  | 127.3  | 126.3  | 122.1  | 122.1  | 120.0  |
| 80°    | 83.5   | 86.6   | 90.8   | 89.7   | 93.9   | 92.9   | 92.9   | 90.8   | 90.8   | 87.6   | 89.7   |
| 82.5°  | 55.3   | 58.4   | 59.5   | 58.4   | 59.5   | 61.6   | 62.6   | 61.6   | 61.6   | 59.5   | 60.5   |
| 85°    | 29.2   | 29.2   | 31.3   | 32.3   | 31.3   | 31.3   | 32.3   | 35.5   | 33.4   | 31.3   | 33.4   |
| 87.5°  | 9.4    | 8.3    | 8.3    | 9.4    | 8.3    | 8.3    | 9.4    | 9.4    | 10.4   | 10.4   | 10.4   |
| 90°    | 27.4   | 27.6   | 28.1   | 28.5   | 29.0   | 29.4   | 29.0   | 28.5   | 28.1   | 27.6   | 27.4   |
| 92.5°  | 44.1   | 43.9   | 43.4   | 43.0   | 42.5   | 42.1   | 42.5   | 43.0   | 43.4   | 43.9   | 44.1   |
| 95°    | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   | 76.4   |
| 97.5°  | 110.7  | 110.6  | 110.4  | 110.1  | 109.9  | 109.7  | 109.9  | 110.1  | 110.4  | 110.6  | 110.7  |
| 100°   | 146.9  | 147.1  | 147.6  | 148.0  | 148.5  | 148.9  | 148.5  | 148.0  | 147.6  | 147.1  | 146.9  |
| 102.5° | 190.0  | 189.9  | 189.7  | 189.5  | 189.3  | 189.1  | 189.3  | 189.5  | 189.7  | 189.9  | 190.0  |
| 105°   | 231.2  | 231.4  | 231.8  | 232.3  | 232.7  | 233.1  | 232.7  | 232.3  | 231.8  | 231.4  | 231.2  |
| 107.5° | 279.2  | 279.1  | 278.9  | 278.6  | 278.4  | 278.2  | 278.4  | 278.6  | 278.9  | 279.1  | 279.2  |
| 110°   | 326.2  | 326.0  | 325.6  | 325.1  | 324.7  | 324.3  | 324.7  | 325.1  | 325.6  | 326.0  | 326.2  |

TEST NUMBER: P1011896

CATALOG NUMBER: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  |
| 115°   | 418.3  | 418.2  | 418.0  | 417.7  | 417.5  | 417.3  | 417.5  | 417.7  | 418.0  | 418.2  | 418.3  |
| 117.5° | 465.3  | 465.0  | 464.3  | 463.7  | 463.0  | 462.4  | 463.0  | 463.7  | 464.3  | 465.0  | 465.3  |
| 120°   | 512.3  | 512.1  | 511.7  | 511.2  | 510.8  | 510.4  | 510.8  | 511.2  | 511.7  | 512.1  | 512.3  |
| 122.5° | 559.4  | 559.1  | 558.4  | 557.7  | 557.1  | 556.4  | 557.1  | 557.7  | 558.4  | 559.1  | 559.4  |
| 125°   | 606.4  | 606.0  | 605.1  | 604.2  | 603.4  | 602.5  | 603.4  | 604.2  | 605.1  | 606.0  | 606.4  |
| 127.5° | 652.4  | 652.0  | 651.1  | 650.2  | 649.4  | 648.5  | 649.4  | 650.2  | 651.1  | 652.0  | 652.4  |
| 130°   | 700.4  | 699.6  | 698.1  | 696.6  | 695.1  | 693.6  | 695.1  | 696.6  | 698.1  | 699.6  | 700.4  |
| 132.5° | 745.5  | 745.0  | 743.9  | 742.8  | 741.7  | 740.6  | 741.7  | 742.8  | 743.9  | 745.0  | 745.5  |
| 135°   | 791.5  | 791.3  | 790.9  | 790.4  | 790.0  | 789.6  | 790.0  | 790.4  | 790.9  | 791.3  | 791.5  |
| 137.5° | 835.6  | 835.3  | 834.6  | 834.0  | 833.3  | 832.7  | 833.3  | 834.0  | 834.6  | 835.3  | 835.6  |
| 140°   | 881.7  | 880.9  | 879.4  | 877.9  | 876.3  | 874.8  | 876.3  | 877.9  | 879.4  | 880.9  | 881.7  |
| 142.5° | 922.8  | 922.3  | 921.2  | 920.1  | 919.0  | 917.9  | 919.0  | 920.1  | 921.2  | 922.3  | 922.8  |
| 145°   | 963.0  | 962.6  | 961.7  | 960.8  | 959.9  | 959.0  | 959.9  | 960.8  | 961.7  | 962.6  | 963.0  |
| 147.5° | 1002.2 | 1001.5 | 1000.2 | 998.9  | 997.6  | 996.3  | 997.6  | 998.9  | 1000.2 | 1001.5 | 1002.2 |
| 150°   | 1037.4 | 1036.7 | 1035.4 | 1034.1 | 1032.8 | 1031.5 | 1032.8 | 1034.1 | 1035.4 | 1036.7 | 1037.4 |
| 152.5° | 1070.7 | 1070.2 | 1069.1 | 1068.0 | 1066.9 | 1065.8 | 1066.9 | 1068.0 | 1069.1 | 1070.2 | 1070.7 |
| 155°   | 1103.1 | 1102.3 | 1100.8 | 1099.3 | 1097.7 | 1096.2 | 1097.7 | 1099.3 | 1100.8 | 1102.3 | 1103.1 |
| 157.5° | 1130.5 | 1129.8 | 1128.5 | 1127.2 | 1125.9 | 1124.6 | 1125.9 | 1127.2 | 1128.5 | 1129.8 | 1130.5 |
| 160°   | 1156.0 | 1155.6 | 1154.7 | 1153.8 | 1152.9 | 1152.0 | 1152.9 | 1153.8 | 1154.7 | 1155.6 | 1156.0 |
| 162.5° | 1179.5 | 1178.7 | 1177.2 | 1175.7 | 1174.1 | 1172.6 | 1174.1 | 1175.7 | 1177.2 | 1178.7 | 1179.5 |
| 165°   | 1199.1 | 1198.3 | 1196.8 | 1195.3 | 1193.7 | 1192.2 | 1193.7 | 1195.3 | 1196.8 | 1198.3 | 1199.1 |
| 167.5° | 1215.7 | 1215.0 | 1213.7 | 1212.4 | 1211.1 | 1209.8 | 1211.1 | 1212.4 | 1213.7 | 1215.0 | 1215.7 |
| 170°   | 1229.4 | 1228.6 | 1227.1 | 1225.6 | 1224.1 | 1222.6 | 1224.1 | 1225.6 | 1227.1 | 1228.6 | 1229.4 |
| 172.5° | 1239.2 | 1238.4 | 1236.9 | 1235.4 | 1233.9 | 1232.4 | 1233.9 | 1235.4 | 1236.9 | 1238.4 | 1239.2 |
| 175°   | 1246.1 | 1245.3 | 1243.8 | 1242.3 | 1240.7 | 1239.2 | 1240.7 | 1242.3 | 1243.8 | 1245.3 | 1246.1 |
| 177.5° | 1250.0 | 1249.2 | 1247.7 | 1246.2 | 1244.6 | 1243.1 | 1244.6 | 1246.2 | 1247.7 | 1249.2 | 1250.0 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

TEST NUMBER: P1011896

CATALOG NUMBER: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1022.6 | 1024.6 | 1025.7 | 1021.5 | 1018.4 | 1023.6 | 1030.9 | 1036.1 | 1040.3 | 1045.5 | 1048.6 |
| 5°     | 962.0  | 969.3  | 969.3  | 971.4  | 974.6  | 979.8  | 993.3  | 1002.7 | 1011.1 | 1017.3 | 1022.6 |
| 7.5°   | 910.9  | 916.1  | 919.3  | 924.5  | 929.7  | 937.0  | 952.6  | 966.2  | 978.7  | 986.0  | 994.4  |
| 10°    | 865.0  | 869.2  | 874.4  | 877.5  | 886.9  | 897.3  | 917.2  | 928.6  | 943.3  | 954.7  | 965.2  |
| 12.5°  | 821.2  | 835.8  | 838.9  | 837.9  | 846.2  | 857.7  | 877.5  | 895.3  | 910.9  | 922.4  | 933.9  |
| 15°    | 789.9  | 795.1  | 801.4  | 800.3  | 818.0  | 821.2  | 837.9  | 858.7  | 879.6  | 886.9  | 897.3  |
| 17.5°  | 755.4  | 763.8  | 770.0  | 773.2  | 778.4  | 789.9  | 805.5  | 821.2  | 848.3  | 849.3  | 876.5  |
| 20°    | 728.3  | 736.7  | 740.8  | 745.0  | 748.1  | 761.7  | 775.3  | 793.0  | 814.9  | 826.4  | 841.0  |
| 22.5°  | 710.6  | 714.7  | 717.9  | 721.0  | 725.2  | 732.5  | 749.2  | 769.0  | 783.6  | 796.1  | 805.5  |
| 25°    | 689.7  | 693.9  | 698.1  | 700.1  | 703.3  | 707.4  | 720.0  | 735.6  | 756.5  | 764.8  | 774.2  |
| 27.5°  | 675.1  | 675.1  | 677.2  | 677.2  | 681.4  | 685.5  | 694.9  | 709.5  | 726.2  | 736.7  | 749.2  |
| 30°    | 659.4  | 658.4  | 659.4  | 658.4  | 657.4  | 663.6  | 672.0  | 684.5  | 696.0  | 708.5  | 716.8  |
| 32.5°  | 643.8  | 642.7  | 642.7  | 643.8  | 639.6  | 642.7  | 646.9  | 658.4  | 670.9  | 677.2  | 686.6  |
| 35°    | 627.1  | 625.0  | 625.0  | 625.0  | 622.9  | 620.8  | 625.0  | 635.4  | 643.8  | 652.1  | 659.4  |
| 37.5°  | 610.4  | 607.3  | 607.3  | 605.2  | 603.1  | 600.0  | 600.0  | 608.3  | 619.8  | 622.9  | 632.3  |
| 40°    | 587.4  | 587.4  | 585.4  | 584.3  | 582.2  | 580.1  | 577.0  | 584.3  | 594.8  | 597.9  | 605.2  |
| 42.5°  | 564.5  | 561.4  | 560.3  | 560.3  | 560.3  | 557.2  | 555.1  | 560.3  | 566.6  | 571.8  | 576.0  |
| 45°    | 538.4  | 536.3  | 537.4  | 536.3  | 534.2  | 533.2  | 532.1  | 534.2  | 541.5  | 543.6  | 548.8  |
| 47.5°  | 510.2  | 509.2  | 509.2  | 508.1  | 507.1  | 508.1  | 504.0  | 509.2  | 511.3  | 513.4  | 517.5  |
| 50°    | 481.0  | 480.0  | 478.9  | 477.9  | 477.9  | 478.9  | 477.9  | 477.9  | 482.1  | 484.1  | 488.3  |
| 52.5°  | 451.8  | 448.7  | 448.7  | 447.6  | 447.6  | 445.5  | 447.6  | 448.7  | 450.8  | 452.8  | 454.9  |
| 55°    | 420.5  | 420.5  | 417.4  | 417.4  | 415.3  | 415.3  | 416.3  | 415.3  | 419.5  | 421.5  | 421.5  |
| 57.5°  | 390.2  | 386.1  | 387.1  | 385.0  | 382.9  | 381.9  | 381.9  | 384.0  | 386.1  | 386.1  | 388.2  |
| 60°    | 357.9  | 353.7  | 352.7  | 348.5  | 350.6  | 347.5  | 348.5  | 348.5  | 352.7  | 350.6  | 352.7  |
| 62.5°  | 325.5  | 320.3  | 317.2  | 315.1  | 315.1  | 316.2  | 314.1  | 313.0  | 315.1  | 317.2  | 321.4  |
| 65°    | 291.1  | 288.0  | 284.9  | 281.7  | 281.7  | 280.7  | 282.8  | 279.6  | 278.6  | 279.6  | 281.7  |
| 67.5°  | 255.6  | 252.5  | 249.4  | 246.2  | 247.3  | 244.2  | 242.1  | 245.2  | 243.1  | 244.2  | 246.2  |
| 70°    | 221.2  | 219.1  | 212.9  | 210.8  | 209.7  | 210.8  | 209.7  | 207.6  | 210.8  | 209.7  | 210.8  |
| 72.5°  | 186.8  | 184.7  | 181.6  | 176.3  | 176.3  | 175.3  | 174.3  | 174.3  | 173.2  | 173.2  | 173.2  |
| 75°    | 153.4  | 149.2  | 146.1  | 145.0  | 142.9  | 141.9  | 140.9  | 138.8  | 139.8  | 140.9  | 138.8  |
| 77.5°  | 119.0  | 113.7  | 112.7  | 112.7  | 109.6  | 109.6  | 110.6  | 109.6  | 108.5  | 108.5  | 108.5  |
| 80°    | 87.6   | 83.5   | 83.5   | 81.4   | 79.3   | 79.3   | 79.3   | 79.3   | 78.3   | 77.2   | 78.3   |
| 82.5°  | 56.3   | 55.3   | 54.3   | 54.3   | 56.3   | 52.2   | 54.3   | 53.2   | 52.2   | 52.2   | 51.1   |
| 85°    | 31.3   | 32.3   | 31.3   | 32.3   | 30.3   | 31.3   | 31.3   | 31.3   | 30.3   | 31.3   | 29.2   |
| 87.5°  | 11.5   | 11.5   | 11.5   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 13.6   | 12.5   | 12.5   |
| 90°    | 27.0   | 26.1   | 25.2   | 24.4   | 23.5   | 20.7   | 17.9   | 15.0   | 12.2   | 10.8   | 9.7    |
| 92.5°  | 43.8   | 43.1   | 42.4   | 41.8   | 41.1   | 39.8   | 38.5   | 37.2   | 35.9   | 35.3   | 34.6   |
| 95°    | 76.0   | 75.1   | 74.2   | 73.4   | 72.5   | 70.8   | 69.0   | 67.3   | 65.6   | 64.7   | 63.9   |
| 97.5°  | 110.2  | 109.1  | 108.0  | 106.9  | 105.8  | 104.5  | 103.2  | 101.9  | 100.6  | 99.9   | 99.4   |
| 100°   | 146.6  | 145.9  | 145.3  | 144.6  | 144.0  | 142.9  | 141.8  | 140.7  | 139.6  | 139.1  | 138.4  |
| 102.5° | 189.7  | 189.0  | 188.4  | 187.7  | 187.1  | 185.6  | 184.0  | 182.5  | 181.0  | 180.2  | 179.9  |
| 105°   | 231.2  | 231.2  | 231.2  | 231.2  | 231.2  | 229.2  | 227.3  | 225.3  | 223.4  | 222.4  | 222.2  |
| 107.5° | 278.9  | 278.2  | 277.6  | 276.9  | 276.3  | 275.4  | 274.5  | 273.6  | 272.7  | 272.3  | 272.2  |
| 110°   | 325.8  | 324.9  | 324.0  | 323.2  | 322.3  | 321.9  | 321.4  | 321.0  | 320.5  | 320.3  | 320.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 372.7  | 371.6  | 370.5  | 369.4  | 368.3  | 368.3  | 368.3  | 368.3  | 368.3  | 368.3  | 368.2  |
| 115°   | 418.2  | 418.0  | 417.7  | 417.5  | 417.3  | 417.7  | 418.2  | 418.6  | 419.1  | 419.3  | 419.0  |
| 117.5° | 465.3  | 465.3  | 465.3  | 465.3  | 465.3  | 465.7  | 466.2  | 466.6  | 467.1  | 467.3  | 467.2  |
| 120°   | 512.4  | 512.6  | 512.9  | 513.1  | 513.3  | 514.4  | 515.5  | 516.6  | 517.7  | 518.2  | 517.5  |
| 122.5° | 559.7  | 560.4  | 561.0  | 561.7  | 562.3  | 562.7  | 563.2  | 563.6  | 564.1  | 564.3  | 563.9  |
| 125°   | 606.8  | 607.7  | 608.6  | 609.4  | 610.3  | 610.7  | 611.2  | 611.6  | 612.1  | 612.3  | 612.0  |
| 127.5° | 653.1  | 654.4  | 655.7  | 657.0  | 658.3  | 658.7  | 659.2  | 659.6  | 660.1  | 660.3  | 659.6  |
| 130°   | 700.8  | 701.7  | 702.6  | 703.4  | 704.3  | 705.0  | 705.6  | 706.3  | 707.0  | 707.3  | 706.4  |
| 132.5° | 746.0  | 747.1  | 748.2  | 749.3  | 750.4  | 750.8  | 751.2  | 751.7  | 752.1  | 752.3  | 751.4  |
| 135°   | 791.9  | 792.8  | 793.7  | 794.6  | 795.5  | 795.7  | 795.9  | 796.1  | 796.3  | 796.4  | 795.8  |
| 137.5° | 836.1  | 837.2  | 838.3  | 839.4  | 840.5  | 839.9  | 839.2  | 838.6  | 837.9  | 837.6  | 837.1  |
| 140°   | 881.8  | 882.0  | 882.2  | 882.4  | 882.6  | 882.4  | 882.2  | 882.0  | 881.8  | 881.7  | 881.2  |
| 142.5° | 922.9  | 923.1  | 923.4  | 923.6  | 923.8  | 923.4  | 922.9  | 922.5  | 922.0  | 921.8  | 921.3  |
| 145°   | 963.1  | 963.3  | 963.5  | 963.7  | 963.9  | 963.3  | 962.6  | 962.0  | 961.3  | 961.0  | 960.8  |
| 147.5° | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1002.2 | 1001.5 | 1000.9 | 1000.2 | 999.5  | 999.2  | 998.8  |
| 150°   | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1037.4 | 1037.0 | 1036.6 | 1036.1 | 1035.7 | 1035.5 | 1035.3 |
| 152.5° | 1070.5 | 1070.1 | 1069.6 | 1069.2 | 1068.8 | 1068.6 | 1068.4 | 1068.1 | 1067.9 | 1067.8 | 1067.5 |
| 155°   | 1102.7 | 1101.8 | 1100.9 | 1100.0 | 1099.1 | 1098.9 | 1098.7 | 1098.5 | 1098.3 | 1098.2 | 1098.2 |
| 157.5° | 1130.1 | 1129.2 | 1128.3 | 1127.5 | 1126.6 | 1126.4 | 1126.2 | 1125.9 | 1125.7 | 1125.6 | 1125.7 |
| 160°   | 1155.5 | 1154.4 | 1153.3 | 1152.2 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.3 |
| 162.5° | 1179.0 | 1177.9 | 1176.8 | 1175.7 | 1174.6 | 1174.4 | 1174.2 | 1173.9 | 1173.7 | 1173.6 | 1173.9 |
| 165°   | 1198.4 | 1197.1 | 1195.8 | 1194.5 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1193.2 | 1193.5 |
| 167.5° | 1215.0 | 1213.7 | 1212.4 | 1211.1 | 1209.8 | 1209.6 | 1209.4 | 1209.2 | 1209.0 | 1208.9 | 1209.3 |
| 170°   | 1228.6 | 1227.1 | 1225.6 | 1224.1 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1222.6 | 1223.0 |
| 172.5° | 1238.5 | 1237.2 | 1235.9 | 1234.6 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1233.3 | 1233.7 |
| 175°   | 1245.4 | 1244.1 | 1242.8 | 1241.5 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.6 |
| 177.5° | 1249.3 | 1248.0 | 1246.7 | 1245.4 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.5 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

TEST NUMBER: P1011896

CATALOG NUMBER: S123DIP-B775D1025UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1076.8 | 1076.8 | 1076.8 | 1076.8 |
| 2.5°   | 1053.9 | 1057.0 | 1067.4 | 1079.9 |
| 5°     | 1033.0 | 1041.3 | 1055.9 | 1075.8 |
| 7.5°   | 1010.0 | 1022.6 | 1043.4 | 1068.5 |
| 10°    | 983.9  | 1001.7 | 1027.8 | 1059.1 |
| 12.5°  | 955.8  | 978.7  | 1012.1 | 1044.5 |
| 15°    | 938.0  | 961.0  | 991.3  | 1026.7 |
| 17.5°  | 903.6  | 930.7  | 962.0  | 1012.1 |
| 20°    | 868.1  | 898.4  | 939.1  | 989.2  |
| 22.5°  | 841.0  | 873.3  | 912.0  | 965.2  |
| 25°    | 808.7  | 842.0  | 883.8  | 939.1  |
| 27.5°  | 774.2  | 807.6  | 854.6  | 913.0  |
| 30°    | 748.1  | 780.5  | 825.3  | 888.0  |
| 32.5°  | 716.8  | 748.1  | 795.1  | 860.8  |
| 35°    | 681.4  | 716.8  | 761.7  | 828.5  |
| 37.5°  | 654.2  | 686.6  | 733.5  | 797.2  |
| 40°    | 625.0  | 653.2  | 699.1  | 761.7  |
| 42.5°  | 593.7  | 625.0  | 664.7  | 727.3  |
| 45°    | 564.5  | 587.4  | 628.1  | 687.6  |
| 47.5°  | 533.2  | 559.3  | 590.6  | 636.5  |
| 50°    | 499.8  | 521.7  | 556.1  | 587.4  |
| 52.5°  | 467.5  | 485.2  | 514.4  | 538.4  |
| 55°    | 433.0  | 450.8  | 472.7  | 487.3  |
| 57.5°  | 400.7  | 413.2  | 427.8  | 437.2  |
| 60°    | 361.0  | 373.5  | 382.9  | 392.3  |
| 62.5°  | 325.5  | 334.9  | 340.2  | 345.4  |
| 65°    | 289.0  | 294.2  | 297.4  | 301.5  |
| 67.5°  | 249.4  | 254.6  | 255.6  | 261.9  |
| 70°    | 212.9  | 213.9  | 216.0  | 219.1  |
| 72.5°  | 178.4  | 180.5  | 179.5  | 181.6  |
| 75°    | 142.9  | 145.0  | 142.9  | 145.0  |
| 77.5°  | 108.5  | 110.6  | 110.6  | 113.7  |
| 80°    | 78.3   | 79.3   | 80.3   | 80.3   |
| 82.5°  | 51.1   | 54.3   | 52.2   | 53.2   |
| 85°    | 29.2   | 30.3   | 30.3   | 31.3   |
| 87.5°  | 13.6   | 14.6   | 13.6   | 15.7   |
| 90°    | 7.5    | 5.4    | 3.2    | 1.0    |
| 92.5°  | 33.3   | 32.0   | 30.7   | 29.4   |
| 95°    | 62.4   | 60.9   | 59.3   | 57.8   |
| 97.5°  | 98.3   | 97.2   | 96.1   | 95.0   |
| 100°   | 137.1  | 135.8  | 134.5  | 133.2  |
| 102.5° | 179.2  | 178.6  | 177.9  | 177.3  |
| 105°   | 221.7  | 221.3  | 220.8  | 220.4  |
| 107.5° | 272.0  | 271.8  | 271.6  | 271.4  |
| 110°   | 319.7  | 319.2  | 318.8  | 318.4  |

TEST NUMBER: P1011896

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 368.0  | 367.8  | 367.6  | 367.4  |
| 115°   | 418.3  | 417.6  | 417.0  | 416.3  |
| 117.5° | 467.0  | 466.7  | 466.5  | 466.3  |
| 120°   | 516.2  | 514.9  | 513.6  | 512.3  |
| 122.5° | 563.0  | 562.1  | 561.2  | 560.3  |
| 125°   | 611.3  | 610.6  | 610.0  | 609.3  |
| 127.5° | 658.3  | 657.0  | 655.7  | 654.4  |
| 130°   | 704.7  | 702.9  | 701.2  | 699.4  |
| 132.5° | 749.7  | 748.0  | 746.2  | 744.5  |
| 135°   | 794.5  | 793.2  | 791.9  | 790.6  |
| 137.5° | 836.0  | 834.9  | 833.8  | 832.7  |
| 140°   | 880.1  | 879.0  | 877.9  | 876.8  |
| 142.5° | 920.2  | 919.1  | 918.0  | 916.9  |
| 145°   | 960.3  | 959.9  | 959.4  | 959.0  |
| 147.5° | 997.9  | 997.0  | 996.2  | 995.3  |
| 150°   | 1034.8 | 1034.4 | 1033.9 | 1033.5 |
| 152.5° | 1066.8 | 1066.1 | 1065.5 | 1064.8 |
| 155°   | 1098.2 | 1098.2 | 1098.2 | 1098.2 |
| 157.5° | 1125.9 | 1126.2 | 1126.4 | 1126.6 |
| 160°   | 1151.7 | 1152.2 | 1152.6 | 1153.0 |
| 162.5° | 1174.6 | 1175.2 | 1175.9 | 1176.5 |
| 165°   | 1194.2 | 1194.8 | 1195.5 | 1196.1 |
| 167.5° | 1210.2 | 1211.1 | 1211.9 | 1212.8 |
| 170°   | 1223.9 | 1224.8 | 1225.6 | 1226.5 |
| 172.5° | 1234.6 | 1235.5 | 1236.4 | 1237.3 |
| 175°   | 1241.5 | 1242.4 | 1243.2 | 1244.1 |
| 177.5° | 1245.4 | 1246.3 | 1247.1 | 1248.0 |
| 180°   | 1247.1 | 1247.1 | 1247.1 | 1247.1 |

(END OF REPORT)