

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: P1011229

Luminaire Tested: S123DIP-B1000D805UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1011229  
REPORT IS A COMBINATION OF REPORTS P989310 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B1000D805UB50-4F0-XX-W2A-A  
Description: Define 3 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

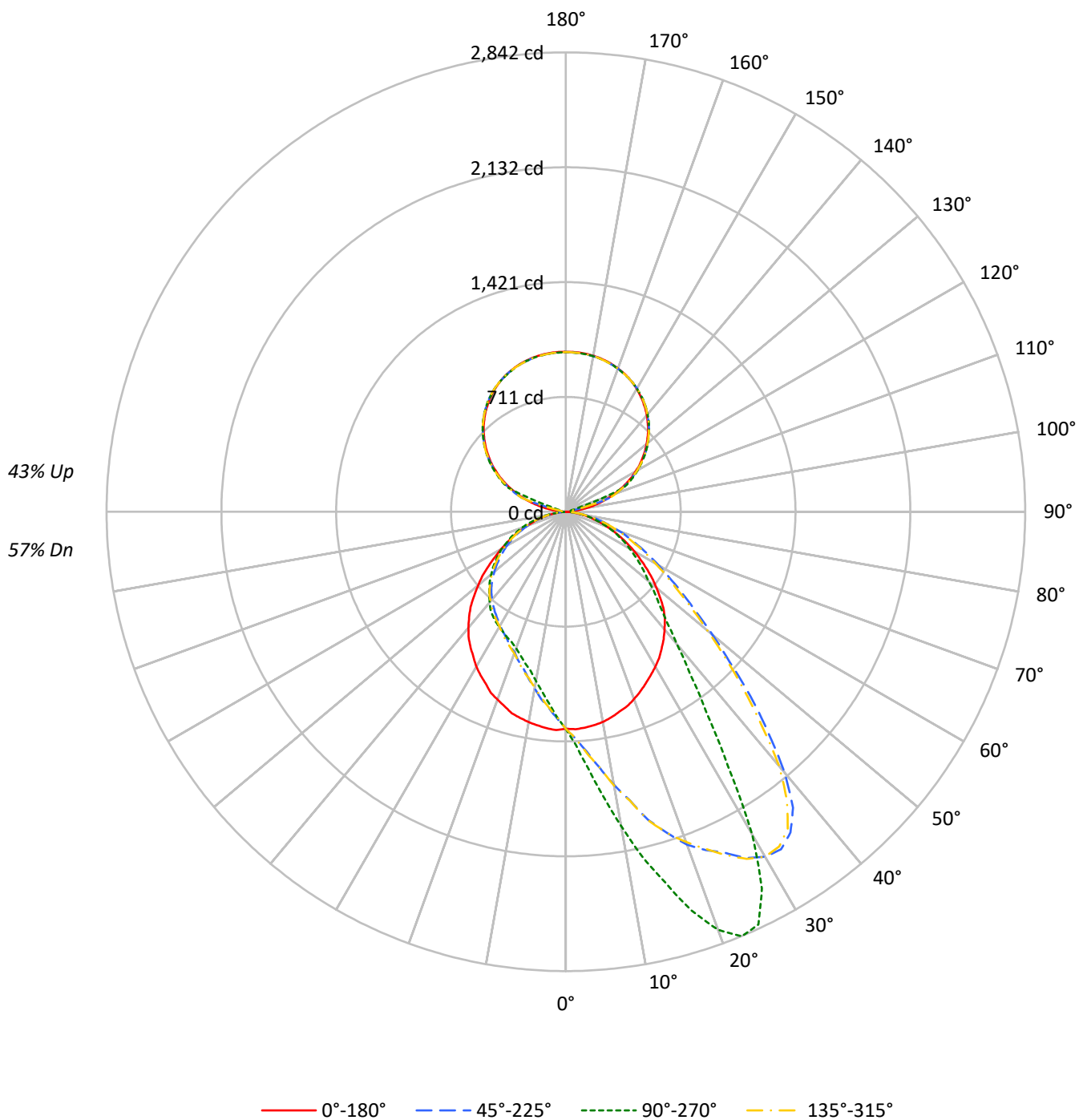
Lumens per Lamp: N/A  
Luminaire Lumens: 7067.0 lumens  
Efficiency: N/A  
Efficacy: 104.1 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 67.9  
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: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**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   | 109 | 109 | 109 | 109 |  | 101 | 101 | 101 | 101 |  | 87 | 87 | 87 |  | 75 | 75 | 75 |  | 63 | 63 | 63 |
| 1   | 100 | 96  | 92  | 88  |  | 93  | 89  | 86  | 83  |  | 77 | 75 | 73 |  | 66 | 64 | 63 |  | 56 | 55 | 54 |
| 2   | 91  | 84  | 78  | 73  |  | 85  | 78  | 73  | 68  |  | 68 | 64 | 61 |  | 59 | 56 | 53 |  | 50 | 48 | 46 |
| 3   | 83  | 74  | 67  | 61  |  | 77  | 69  | 63  | 58  |  | 60 | 55 | 51 |  | 52 | 48 | 45 |  | 44 | 42 | 39 |
| 4   | 76  | 66  | 58  | 52  |  | 71  | 61  | 54  | 49  |  | 54 | 48 | 44 |  | 46 | 42 | 39 |  | 40 | 37 | 34 |
| 5   | 70  | 59  | 50  | 44  |  | 65  | 55  | 48  | 42  |  | 48 | 42 | 38 |  | 42 | 37 | 34 |  | 36 | 33 | 30 |
| 6   | 65  | 53  | 45  | 39  |  | 60  | 49  | 42  | 37  |  | 43 | 38 | 33 |  | 38 | 33 | 30 |  | 33 | 29 | 26 |
| 7   | 60  | 48  | 40  | 34  |  | 56  | 45  | 38  | 32  |  | 39 | 34 | 29 |  | 34 | 30 | 26 |  | 30 | 26 | 23 |
| 8   | 56  | 43  | 35  | 30  |  | 52  | 41  | 34  | 29  |  | 36 | 30 | 26 |  | 32 | 27 | 24 |  | 27 | 24 | 21 |
| 9   | 52  | 40  | 32  | 27  |  | 48  | 37  | 30  | 26  |  | 33 | 27 | 23 |  | 29 | 24 | 21 |  | 25 | 22 | 19 |
| 10  | 48  | 36  | 29  | 24  |  | 45  | 34  | 28  | 23  |  | 30 | 25 | 21 |  | 27 | 22 | 19 |  | 23 | 20 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 14451 | 14451 | 14451 | 14451 |
| 5°  | 14460 | 16650 | 14502 | 12426 |
| 10° | 14369 | 20149 | 14383 | 10851 |
| 15° | 14170 | 23896 | 14285 | 9768  |
| 20° | 14000 | 27511 | 14029 | 8988  |
| 25° | 13745 | 28205 | 13775 | 8581  |
| 30° | 13564 | 23302 | 13564 | 8315  |
| 35° | 13339 | 15585 | 13255 | 8080  |
| 40° | 13070 | 11249 | 12909 | 7719  |
| 45° | 12732 | 8912  | 12365 | 7271  |
| 50° | 11910 | 7568  | 11487 | 6830  |
| 55° | 11008 | 6650  | 10560 | 6340  |
| 60° | 10092 | 5790  | 9556  | 5823  |
| 65° | 9089  | 4959  | 8649  | 5137  |
| 70° | 8045  | 4116  | 7509  | 4330  |
| 75° | 6878  | 3103  | 6432  | 3342  |
| 80° | 5440  | 2073  | 5016  | 2196  |
| 85° | 3746  | 951   | 2997  | 864   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 23305 cd/sqm

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 132.0  | 1.9       |
| 10°-20°   | 424.1  | 6.0       |
| 20°-30°   | 713.6  | 10.1      |
| 30°-40°   | 806.4  | 11.4      |
| 40°-50°   | 722.2  | 10.2      |
| 50°-60°   | 583.0  | 8.3       |
| 60°-70°   | 406.3  | 5.7       |
| 70°-80°   | 213.2  | 3.0       |
| 80°-90°   | 53.1   | 0.8       |
| 90°-100°  | 34.9   | 0.5       |
| 100°-110° | 168.5  | 2.4       |
| 110°-120° | 412.9  | 5.8       |
| 120°-130° | 524.2  | 7.4       |
| 130°-140° | 560.0  | 7.9       |
| 140°-150° | 523.6  | 7.4       |
| 150°-160° | 422.4  | 6.0       |
| 160°-170° | 272.6  | 3.9       |
| 170°-180° | 93.9   | 1.3       |
| 0°-30°    | 1269.7 | 18.0      |
| 0°-40°    | 2076.1 | 29.4      |
| 0°-60°    | 3381.3 | 47.8      |
| 0°-90°    | 4054.0 | 57.4      |
| 90°-120°  | 616.3  | 8.7       |
| 90°-150°  | 2224.1 | 31.5      |
| 90°-180°  | 3013.0 | 42.6      |
| 0°-180°   | 7067.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1342 | 1342 | 1342 | 1342 | 1342 |      |
| 5°   | 1341 | 1595 | 1345 | 1190 | 1341 | 127  |
| 15°  | 1280 | 2374 | 1290 | 970  | 1280 | 362  |
| 25°  | 1171 | 2818 | 1173 | 857  | 1171 | 540  |
| 35°  | 1033 | 1518 | 1026 | 787  | 1033 | 646  |
| 45°  | 857  | 820  | 833  | 669  | 857  | 656  |
| 55°  | 608  | 557  | 583  | 531  | 608  | 544  |
| 65°  | 376  | 362  | 358  | 375  | 376  | 374  |
| 75°  | 181  | 186  | 169  | 200  | 181  | 194  |
| 85°  | 39   | 43   | 31   | 39   | 39   | 45   |
| 90°  | 1    | 22   | 1    | 22   | 1    | 5    |
| 95°  | 45   | 28   | 45   | 28   | 45   | 54   |
| 105° | 219  | 32   | 219  | 32   | 219  | 232  |
| 115° | 410  | 432  | 410  | 432  | 410  | 405  |
| 125° | 579  | 590  | 579  | 590  | 579  | 517  |
| 135° | 720  | 728  | 720  | 728  | 720  | 555  |
| 145° | 831  | 839  | 831  | 839  | 831  | 520  |
| 155° | 916  | 914  | 916  | 914  | 916  | 422  |
| 165° | 966  | 963  | 966  | 963  | 966  | 273  |
| 175° | 988  | 985  | 988  | 985  | 988  | 94   |
| 180° | 988  | 988  | 988  | 988  | 988  |      |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1346.4 | 1356.8 | 1362.1 | 1369.9 | 1377.7 | 1389.4 | 1393.3 | 1399.8 | 1397.2 | 1402.4 | 1405.0 |
| 5°     | 1341.2 | 1359.5 | 1375.1 | 1394.6 | 1412.8 | 1425.8 | 1438.8 | 1459.6 | 1475.2 | 1477.8 | 1489.5 |
| 7.5°   | 1332.1 | 1358.2 | 1385.5 | 1412.8 | 1447.9 | 1468.7 | 1492.1 | 1520.8 | 1544.2 | 1581.9 | 1596.2 |
| 10°    | 1320.4 | 1356.8 | 1395.9 | 1433.6 | 1481.7 | 1514.3 | 1542.9 | 1591.0 | 1639.1 | 1678.2 | 1714.6 |
| 12.5°  | 1302.2 | 1347.7 | 1398.5 | 1454.4 | 1516.9 | 1554.6 | 1593.6 | 1657.4 | 1730.2 | 1790.1 | 1829.1 |
| 15°    | 1280.1 | 1337.3 | 1402.4 | 1462.2 | 1531.2 | 1601.4 | 1643.0 | 1714.6 | 1818.7 | 1874.6 | 1974.8 |
| 17.5°  | 1261.9 | 1320.4 | 1385.5 | 1479.1 | 1572.8 | 1643.0 | 1673.0 | 1804.4 | 1875.9 | 1969.6 | 2082.8 |
| 20°    | 1233.3 | 1307.4 | 1390.7 | 1484.3 | 1605.3 | 1648.3 | 1709.4 | 1842.1 | 1930.6 | 2052.8 | 2192.0 |
| 22.5°  | 1203.3 | 1282.7 | 1382.9 | 1480.4 | 1615.7 | 1661.3 | 1744.5 | 1849.9 | 1990.4 | 2111.4 | 2264.9 |
| 25°    | 1170.8 | 1256.7 | 1358.2 | 1473.9 | 1606.6 | 1673.0 | 1751.0 | 1881.1 | 2033.3 | 2185.5 | 2327.3 |
| 27.5°  | 1138.3 | 1232.0 | 1337.3 | 1453.1 | 1581.9 | 1660.0 | 1738.0 | 1873.3 | 2068.4 | 2233.7 | 2414.5 |
| 30°    | 1107.1 | 1200.7 | 1306.1 | 1424.5 | 1559.8 | 1635.2 | 1709.4 | 1878.5 | 2095.8 | 2281.8 | 2463.9 |
| 32.5°  | 1073.3 | 1169.5 | 1280.1 | 1379.0 | 1515.6 | 1596.2 | 1679.5 | 1878.5 | 2112.7 | 2310.4 | 2476.9 |
| 35°    | 1032.9 | 1131.8 | 1226.8 | 1325.6 | 1460.9 | 1550.7 | 1644.4 | 1865.5 | 2128.3 | 2319.5 | 2422.3 |
| 37.5°  | 993.9  | 1081.1 | 1163.0 | 1259.3 | 1401.1 | 1497.3 | 1605.3 | 1849.9 | 2120.5 | 2280.5 | 2309.1 |
| 40°    | 949.7  | 1036.8 | 1103.2 | 1192.9 | 1342.5 | 1454.4 | 1563.7 | 1829.1 | 2086.7 | 2188.1 | 2104.9 |
| 42.5°  | 906.7  | 975.7  | 1032.9 | 1120.1 | 1282.7 | 1392.0 | 1510.4 | 1791.4 | 2020.3 | 2041.1 | 1853.8 |
| 45°    | 857.3  | 906.7  | 957.5  | 1056.3 | 1217.7 | 1329.5 | 1460.9 | 1736.7 | 1913.6 | 1853.8 | 1617.0 |
| 47.5°  | 793.6  | 837.8  | 893.7  | 984.8  | 1148.7 | 1264.5 | 1389.4 | 1666.5 | 1758.8 | 1633.9 | 1375.1 |
| 50°    | 732.4  | 770.1  | 822.2  | 910.6  | 1075.9 | 1189.0 | 1321.7 | 1555.9 | 1601.4 | 1405.0 | 1185.1 |
| 52.5°  | 671.3  | 699.9  | 750.6  | 839.1  | 1004.3 | 1113.6 | 1234.6 | 1442.7 | 1416.7 | 1205.9 | 1010.8 |
| 55°    | 607.5  | 632.2  | 680.4  | 767.5  | 921.0  | 1025.1 | 1140.9 | 1303.5 | 1235.9 | 1035.5 | 879.4  |
| 57.5°  | 545.1  | 571.1  | 620.5  | 693.4  | 837.8  | 939.3  | 1031.6 | 1159.1 | 1057.6 | 897.6  | 759.7  |
| 60°    | 489.1  | 511.3  | 549.0  | 620.5  | 751.9  | 833.9  | 918.4  | 1005.6 | 921.0  | 766.2  | 660.9  |
| 62.5°  | 430.6  | 451.4  | 486.5  | 551.6  | 664.8  | 737.6  | 805.3  | 876.8  | 783.1  | 670.0  | 576.3  |
| 65°    | 376.0  | 392.9  | 425.4  | 485.2  | 577.6  | 637.4  | 692.1  | 741.5  | 666.1  | 562.0  | 491.7  |
| 67.5°  | 326.5  | 340.8  | 368.2  | 421.5  | 499.5  | 542.5  | 586.7  | 628.3  | 564.6  | 481.3  | 421.5  |
| 70°    | 273.2  | 284.9  | 309.6  | 348.6  | 411.1  | 455.3  | 487.8  | 519.1  | 461.8  | 395.5  | 355.1  |
| 72.5°  | 226.4  | 238.1  | 253.7  | 294.0  | 336.9  | 364.3  | 399.4  | 416.3  | 383.8  | 329.1  | 288.8  |
| 75°    | 180.8  | 189.9  | 204.2  | 230.3  | 270.6  | 288.8  | 310.9  | 323.9  | 294.0  | 257.6  | 232.9  |
| 77.5°  | 141.8  | 145.7  | 156.1  | 174.3  | 201.6  | 222.5  | 239.4  | 247.2  | 226.4  | 202.9  | 182.1  |
| 80°    | 100.2  | 105.4  | 113.2  | 128.8  | 149.6  | 156.1  | 166.5  | 175.6  | 162.6  | 141.8  | 128.8  |
| 82.5°  | 66.3   | 72.9   | 76.8   | 83.3   | 96.3   | 104.1  | 106.7  | 114.5  | 102.8  | 95.0   | 89.8   |
| 85°    | 39.0   | 41.6   | 42.9   | 46.8   | 53.3   | 57.2   | 61.1   | 62.4   | 59.8   | 58.5   | 53.3   |
| 87.5°  | 19.5   | 19.5   | 19.5   | 22.1   | 23.4   | 26.0   | 27.3   | 27.3   | 27.3   | 26.0   | 24.7   |
| 90°    | 0.7    | 2.3    | 4.0    | 5.6    | 7.3    | 8.1    | 9.2    | 11.3   | 13.4   | 15.5   | 17.6   |
| 92.5°  | 16.9   | 15.9   | 14.9   | 14.0   | 13.0   | 12.5   | 13.2   | 14.7   | 16.2   | 17.6   | 19.1   |
| 95°    | 44.8   | 38.1   | 31.4   | 24.7   | 18.0   | 14.7   | 15.6   | 17.4   | 19.2   | 21.0   | 22.8   |
| 97.5°  | 81.5   | 76.9   | 72.3   | 67.8   | 63.2   | 60.9   | 56.7   | 48.4   | 40.1   | 31.8   | 23.5   |
| 100°   | 124.1  | 127.4  | 130.6  | 133.9  | 137.2  | 138.8  | 126.1  | 100.6  | 75.1   | 49.7   | 24.2   |
| 102.5° | 172.6  | 174.7  | 176.8  | 178.9  | 181.0  | 182.1  | 167.9  | 139.5  | 111.1  | 82.7   | 54.3   |
| 105°   | 218.8  | 220.6  | 222.4  | 224.2  | 226.0  | 226.9  | 219.6  | 204.9  | 190.2  | 175.5  | 160.8  |
| 107.5° | 268.0  | 269.5  | 270.9  | 272.4  | 273.9  | 274.6  | 275.8  | 278.3  | 280.7  | 283.2  | 285.6  |
| 110°   | 317.2  | 318.5  | 319.8  | 321.1  | 322.4  | 323.1  | 324.0  | 325.8  | 327.6  | 329.4  | 331.2  |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 364.2 | 365.3 | 366.5 | 367.6 | 368.7 | 369.3 | 370.2 | 372.0 | 373.8 | 375.6 | 377.4 |
| 115°   | 410.5 | 411.5 | 412.5 | 413.4 | 414.4 | 414.9 | 415.6 | 417.1 | 418.6 | 420.0 | 421.5 |
| 117.5° | 456.0 | 457.1 | 458.3 | 459.4 | 460.5 | 461.1 | 461.5 | 462.3 | 463.2 | 464.0 | 464.8 |
| 120°   | 497.8 | 499.3 | 500.7 | 502.2 | 503.7 | 504.4 | 504.7 | 505.2 | 505.7 | 506.2 | 506.7 |
| 122.5° | 540.4 | 541.6 | 542.7 | 543.9 | 545.0 | 545.6 | 545.9 | 546.6 | 547.2 | 547.9 | 548.5 |
| 125°   | 578.6 | 579.9 | 581.2 | 582.5 | 583.8 | 584.5 | 584.8 | 585.5 | 586.1 | 586.8 | 587.4 |
| 127.5° | 616.8 | 618.1 | 619.4 | 620.7 | 622.0 | 622.7 | 623.1 | 623.9 | 624.7 | 625.5 | 626.3 |
| 130°   | 652.0 | 653.3 | 654.6 | 655.9 | 657.2 | 657.9 | 658.2 | 658.9 | 659.5 | 660.2 | 660.8 |
| 132.5° | 685.8 | 687.1 | 688.4 | 689.7 | 691.0 | 691.7 | 691.9 | 692.4 | 692.9 | 693.4 | 693.9 |
| 135°   | 720.3 | 721.3 | 722.3 | 723.2 | 724.2 | 724.7 | 725.0 | 725.7 | 726.4 | 727.0 | 727.7 |
| 137.5° | 749.7 | 751.0 | 752.3 | 753.6 | 754.9 | 755.6 | 755.8 | 756.1 | 756.4 | 756.7 | 757.0 |
| 140°   | 779.1 | 780.1 | 781.1 | 782.0 | 783.0 | 783.5 | 783.7 | 784.2 | 784.7 | 785.2 | 785.7 |
| 142.5° | 806.2 | 807.2 | 808.2 | 809.1 | 810.1 | 810.6 | 810.8 | 811.3 | 811.8 | 812.3 | 812.8 |
| 145°   | 831.2 | 832.3 | 833.5 | 834.6 | 835.7 | 836.3 | 836.5 | 836.8 | 837.1 | 837.5 | 837.8 |
| 147.5° | 855.4 | 856.2 | 857.0 | 857.9 | 858.7 | 859.1 | 859.3 | 859.6 | 859.9 | 860.3 | 860.6 |
| 150°   | 877.5 | 878.0 | 878.5 | 879.0 | 879.5 | 879.7 | 879.9 | 880.2 | 880.5 | 880.8 | 881.1 |
| 152.5° | 897.3 | 897.5 | 897.6 | 897.8 | 897.9 | 898.0 | 898.1 | 898.3 | 898.4 | 898.6 | 898.8 |
| 155°   | 915.6 | 915.3 | 915.0 | 914.7 | 914.4 | 914.2 | 914.3 | 914.4 | 914.6 | 914.7 | 914.9 |
| 157.5° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.2 | 930.1 | 929.9 | 929.8 | 929.6 |
| 160°   | 943.5 | 943.3 | 943.2 | 943.0 | 942.9 | 942.8 | 942.7 | 942.6 | 942.4 | 942.3 | 942.1 |
| 162.5° | 956.0 | 955.5 | 955.0 | 954.5 | 954.0 | 953.8 | 953.7 | 953.6 | 953.4 | 953.3 | 953.1 |
| 165°   | 965.6 | 965.1 | 964.6 | 964.1 | 963.6 | 963.4 | 963.3 | 963.1 | 963.0 | 962.8 | 962.6 |
| 167.5° | 973.7 | 973.0 | 972.4 | 971.7 | 971.0 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 |
| 170°   | 980.3 | 979.6 | 979.0 | 978.3 | 977.6 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 |
| 172.5° | 984.7 | 983.9 | 983.1 | 982.2 | 981.4 | 981.0 | 981.1 | 981.2 | 981.4 | 981.5 | 981.7 |
| 175°   | 988.3 | 987.5 | 986.7 | 985.9 | 985.1 | 984.7 | 984.8 | 984.9 | 985.1 | 985.2 | 985.4 |
| 177.5° | 989.8 | 989.0 | 988.2 | 987.3 | 986.5 | 986.1 | 986.2 | 986.4 | 986.5 | 986.7 | 986.9 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1414.1 | 1416.7 | 1425.8 | 1432.3 | 1445.3 | 1444.0 | 1444.0 | 1442.7 | 1438.8 | 1445.3 | 1449.2 |
| 5°     | 1513.0 | 1535.1 | 1537.7 | 1566.3 | 1567.6 | 1579.3 | 1587.1 | 1580.6 | 1596.2 | 1594.9 | 1583.2 |
| 7.5°   | 1635.2 | 1665.2 | 1679.5 | 1706.8 | 1738.0 | 1730.2 | 1760.1 | 1765.3 | 1762.7 | 1775.7 | 1784.8 |
| 10°    | 1769.2 | 1821.3 | 1857.7 | 1908.4 | 1921.4 | 1929.3 | 1948.8 | 1965.7 | 1999.5 | 1973.5 | 1990.4 |
| 12.5°  | 1922.7 | 1960.5 | 2008.6 | 2089.3 | 2129.6 | 2155.6 | 2164.7 | 2176.4 | 2199.8 | 2185.5 | 2186.8 |
| 15°    | 2051.5 | 2102.3 | 2184.2 | 2284.4 | 2296.1 | 2328.6 | 2320.8 | 2391.1 | 2424.9 | 2374.2 | 2402.8 |
| 17.5°  | 2185.5 | 2253.2 | 2350.7 | 2437.9 | 2487.3 | 2509.5 | 2530.3 | 2597.9 | 2595.3 | 2587.5 | 2594.0 |
| 20°    | 2271.4 | 2382.0 | 2503.0 | 2618.7 | 2633.0 | 2650.0 | 2705.9 | 2734.5 | 2729.3 | 2751.4 | 2765.7 |
| 22.5°  | 2392.4 | 2509.5 | 2638.2 | 2715.0 | 2747.5 | 2767.0 | 2811.3 | 2829.5 | 2837.3 | 2842.5 | 2833.4 |
| 25°    | 2493.8 | 2618.7 | 2713.7 | 2781.3 | 2800.9 | 2811.3 | 2825.6 | 2830.8 | 2826.9 | 2817.8 | 2825.6 |
| 27.5°  | 2562.8 | 2663.0 | 2728.0 | 2759.2 | 2748.8 | 2731.9 | 2704.6 | 2686.4 | 2646.1 | 2626.5 | 2650.0 |
| 30°    | 2591.4 | 2635.6 | 2655.2 | 2603.1 | 2551.1 | 2509.5 | 2457.4 | 2361.2 | 2285.7 | 2307.8 | 2277.9 |
| 32.5°  | 2545.9 | 2517.3 | 2423.6 | 2289.6 | 2249.3 | 2181.6 | 2034.6 | 1921.4 | 1925.3 | 1865.5 | 1890.2 |
| 35°    | 2411.9 | 2281.8 | 2104.9 | 1901.9 | 1848.6 | 1812.2 | 1650.9 | 1626.1 | 1574.1 | 1518.2 | 1533.8 |
| 37.5°  | 2175.1 | 1985.2 | 1770.5 | 1620.9 | 1541.6 | 1462.2 | 1371.2 | 1316.5 | 1285.3 | 1261.9 | 1280.1 |
| 40°    | 1886.3 | 1654.8 | 1477.8 | 1343.8 | 1276.2 | 1225.5 | 1163.0 | 1108.4 | 1073.3 | 1069.3 | 1075.9 |
| 42.5°  | 1602.7 | 1407.6 | 1245.0 | 1117.5 | 1095.4 | 1035.5 | 995.2  | 952.3  | 941.9  | 924.9  | 934.1  |
| 45°    | 1356.8 | 1198.1 | 1064.1 | 960.1  | 934.1  | 918.4  | 869.0  | 841.7  | 830.0  | 819.6  | 835.2  |
| 47.5°  | 1178.6 | 1012.1 | 914.5  | 852.1  | 826.1  | 800.1  | 772.7  | 754.5  | 745.4  | 746.7  | 745.4  |
| 50°    | 1006.9 | 884.6  | 798.8  | 750.6  | 735.0  | 716.8  | 694.7  | 683.0  | 679.1  | 667.4  | 676.5  |
| 52.5°  | 866.4  | 777.9  | 718.1  | 672.6  | 660.9  | 647.9  | 629.6  | 623.1  | 614.0  | 611.4  | 611.4  |
| 55°    | 753.2  | 684.3  | 636.1  | 606.2  | 591.9  | 581.5  | 571.1  | 563.3  | 556.8  | 556.8  | 556.8  |
| 57.5°  | 664.8  | 604.9  | 569.8  | 543.8  | 538.6  | 528.2  | 516.5  | 516.5  | 507.4  | 506.1  | 510.0  |
| 60°    | 589.3  | 536.0  | 508.7  | 486.5  | 478.7  | 476.1  | 464.4  | 464.4  | 461.8  | 455.3  | 460.5  |
| 62.5°  | 512.6  | 473.5  | 450.1  | 433.2  | 425.4  | 425.4  | 416.3  | 409.8  | 409.8  | 411.1  | 408.5  |
| 65°    | 442.3  | 413.7  | 392.9  | 379.9  | 376.0  | 370.8  | 369.5  | 364.3  | 360.4  | 361.7  | 360.4  |
| 67.5°  | 379.9  | 357.8  | 343.4  | 333.0  | 326.5  | 323.9  | 320.0  | 320.0  | 317.4  | 318.7  | 312.2  |
| 70°    | 323.9  | 301.8  | 290.1  | 279.7  | 277.1  | 277.1  | 271.9  | 273.2  | 270.6  | 274.5  | 271.9  |
| 72.5°  | 266.7  | 249.8  | 240.7  | 236.8  | 234.2  | 232.9  | 230.3  | 227.7  | 226.4  | 229.0  | 227.7  |
| 75°    | 216.0  | 201.6  | 195.1  | 192.5  | 189.9  | 189.9  | 188.6  | 187.3  | 186.0  | 186.0  | 186.0  |
| 77.5°  | 167.8  | 158.7  | 150.9  | 153.5  | 149.6  | 150.9  | 147.0  | 147.0  | 148.3  | 147.0  | 147.0  |
| 80°    | 123.6  | 117.1  | 117.1  | 114.5  | 109.3  | 111.9  | 111.9  | 108.0  | 106.7  | 109.3  | 105.4  |
| 82.5°  | 82.0   | 80.7   | 78.1   | 76.8   | 74.2   | 75.5   | 74.2   | 72.9   | 71.6   | 74.2   | 71.6   |
| 85°    | 48.1   | 48.1   | 46.8   | 44.2   | 46.8   | 45.5   | 44.2   | 44.2   | 42.9   | 42.9   | 42.9   |
| 87.5°  | 24.7   | 22.1   | 22.1   | 20.8   | 22.1   | 19.5   | 20.8   | 19.5   | 18.2   | 19.5   | 18.2   |
| 90°    | 18.3   | 18.9   | 19.6   | 20.3   | 20.6   | 20.8   | 21.1   | 21.4   | 21.7   | 22.0   | 21.7   |
| 92.5°  | 20.2   | 21.4   | 22.5   | 23.6   | 24.2   | 24.3   | 24.5   | 24.6   | 24.8   | 25.0   | 24.8   |
| 95°    | 23.9   | 25.1   | 26.2   | 27.3   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   |
| 97.5°  | 24.8   | 26.1   | 27.4   | 28.7   | 29.4   | 29.5   | 29.6   | 29.8   | 29.9   | 30.1   | 29.9   |
| 100°   | 25.5   | 26.8   | 28.1   | 29.4   | 30.1   | 30.2   | 30.3   | 30.5   | 30.6   | 30.8   | 30.6   |
| 102.5° | 48.9   | 43.5   | 38.2   | 32.8   | 30.1   | 30.3   | 30.6   | 30.9   | 31.3   | 31.6   | 31.3   |
| 105°   | 131.9  | 103.0  | 74.1   | 45.2   | 30.8   | 31.0   | 31.3   | 31.6   | 32.0   | 32.3   | 32.0   |
| 107.5° | 260.5  | 235.4  | 210.3  | 185.2  | 172.6  | 161.9  | 140.5  | 119.2  | 97.8   | 76.4   | 97.8   |
| 110°   | 325.8  | 320.4  | 315.0  | 309.6  | 306.9  | 295.2  | 271.9  | 248.6  | 225.2  | 201.9  | 225.2  |



TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 378.9 | 380.3 | 381.8 | 383.3 | 384.0 | 383.8 | 383.5 | 383.2 | 382.9 | 382.6 | 382.9 |
| 115°   | 423.1 | 424.7 | 426.4 | 428.0 | 428.8 | 429.1 | 429.8 | 430.5 | 431.1 | 431.8 | 431.1 |
| 117.5° | 466.1 | 467.4 | 468.7 | 470.0 | 470.7 | 470.8 | 470.9 | 471.1 | 471.2 | 471.4 | 471.2 |
| 120°   | 508.0 | 509.3 | 510.6 | 511.9 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 |
| 122.5° | 549.3 | 550.1 | 551.0 | 551.8 | 552.2 | 552.3 | 552.4 | 552.6 | 552.7 | 552.9 | 552.7 |
| 125°   | 587.7 | 588.1 | 588.4 | 588.7 | 588.9 | 589.1 | 589.4 | 589.7 | 590.1 | 590.4 | 590.1 |
| 127.5° | 626.8 | 627.3 | 627.8 | 628.3 | 628.5 | 628.3 | 628.0 | 627.7 | 627.4 | 627.1 | 627.4 |
| 130°   | 661.5 | 662.1 | 662.8 | 663.5 | 663.8 | 663.6 | 663.3 | 663.0 | 662.6 | 662.3 | 662.6 |
| 132.5° | 694.5 | 695.2 | 695.8 | 696.5 | 696.8 | 696.6 | 696.1 | 695.6 | 695.1 | 694.6 | 695.1 |
| 135°   | 728.2 | 728.7 | 729.2 | 729.7 | 729.9 | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 728.2 |
| 137.5° | 757.8 | 758.6 | 759.5 | 760.3 | 760.7 | 760.5 | 760.2 | 759.9 | 759.5 | 759.2 | 759.5 |
| 140°   | 786.3 | 787.0 | 787.6 | 788.3 | 788.6 | 788.4 | 788.1 | 787.8 | 787.4 | 787.1 | 787.4 |
| 142.5° | 813.3 | 813.8 | 814.3 | 814.8 | 815.0 | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 813.3 |
| 145°   | 838.1 | 838.5 | 838.8 | 839.1 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 |
| 147.5° | 860.9 | 861.2 | 861.5 | 861.8 | 862.0 | 861.6 | 860.8 | 860.0 | 859.2 | 858.4 | 859.2 |
| 150°   | 881.4 | 881.8 | 882.1 | 882.4 | 882.6 | 882.4 | 881.9 | 881.4 | 880.9 | 880.4 | 880.9 |
| 152.5° | 899.4 | 900.1 | 900.7 | 901.4 | 901.7 | 901.3 | 900.5 | 899.6 | 898.8 | 898.0 | 898.8 |
| 155°   | 915.7 | 916.5 | 917.4 | 918.2 | 918.6 | 918.1 | 917.1 | 916.2 | 915.2 | 914.2 | 915.2 |
| 157.5° | 930.6 | 931.6 | 932.5 | 933.5 | 934.0 | 933.3 | 932.0 | 930.7 | 929.4 | 928.1 | 929.4 |
| 160°   | 943.1 | 944.1 | 945.0 | 946.0 | 946.5 | 945.9 | 944.8 | 943.6 | 942.5 | 941.3 | 942.5 |
| 162.5° | 954.2 | 955.4 | 956.5 | 957.6 | 958.2 | 957.7 | 956.7 | 955.8 | 954.8 | 953.8 | 954.8 |
| 165°   | 963.9 | 965.2 | 966.5 | 967.8 | 968.5 | 967.9 | 966.8 | 965.7 | 964.5 | 963.4 | 964.5 |
| 167.5° | 972.0 | 973.3 | 974.6 | 975.9 | 976.6 | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 972.0 |
| 170°   | 978.6 | 979.9 | 981.2 | 982.5 | 983.2 | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 978.6 |
| 172.5° | 983.0 | 984.3 | 985.6 | 986.9 | 987.6 | 986.9 | 985.4 | 983.9 | 982.5 | 981.0 | 982.5 |
| 175°   | 986.5 | 987.7 | 988.8 | 989.9 | 990.5 | 989.9 | 988.6 | 987.3 | 986.0 | 984.7 | 986.0 |
| 177.5° | 988.2 | 989.5 | 990.8 | 992.1 | 992.7 | 991.9 | 990.3 | 988.6 | 987.0 | 985.4 | 987.0 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1438.8 | 1442.7 | 1432.3 | 1429.7 | 1429.7 | 1434.9 | 1431.0 | 1395.9 | 1402.4 | 1394.6 | 1392.0 |
| 5°     | 1597.5 | 1589.7 | 1579.3 | 1574.1 | 1567.6 | 1549.4 | 1548.1 | 1507.8 | 1499.9 | 1473.9 | 1462.2 |
| 7.5°   | 1771.8 | 1765.3 | 1734.1 | 1730.2 | 1727.6 | 1710.7 | 1667.8 | 1624.8 | 1593.6 | 1563.7 | 1535.1 |
| 10°    | 1970.9 | 1951.4 | 1937.1 | 1908.4 | 1894.1 | 1870.7 | 1814.8 | 1774.4 | 1721.1 | 1675.6 | 1615.7 |
| 12.5°  | 2210.2 | 2188.1 | 2140.0 | 2119.2 | 2101.0 | 2035.9 | 1980.0 | 1934.5 | 1830.4 | 1799.2 | 1725.0 |
| 15°    | 2385.9 | 2339.0 | 2333.8 | 2288.3 | 2285.7 | 2214.1 | 2107.5 | 2058.0 | 1977.4 | 1862.9 | 1786.2 |
| 17.5°  | 2575.8 | 2534.2 | 2501.7 | 2447.0 | 2439.2 | 2371.6 | 2293.5 | 2172.5 | 2084.1 | 1974.8 | 1877.2 |
| 20°    | 2715.0 | 2692.9 | 2636.9 | 2614.8 | 2569.3 | 2512.1 | 2431.4 | 2281.8 | 2173.8 | 2064.5 | 1944.9 |
| 22.5°  | 2825.6 | 2803.5 | 2759.2 | 2729.3 | 2703.3 | 2629.1 | 2532.9 | 2405.4 | 2257.1 | 2114.0 | 1990.4 |
| 25°    | 2824.3 | 2817.8 | 2799.6 | 2785.2 | 2765.7 | 2711.1 | 2630.4 | 2508.2 | 2342.9 | 2185.5 | 2013.8 |
| 27.5°  | 2664.3 | 2682.5 | 2713.7 | 2729.3 | 2725.4 | 2717.6 | 2672.1 | 2569.3 | 2421.0 | 2233.7 | 2041.1 |
| 30°    | 2331.2 | 2397.6 | 2456.1 | 2534.2 | 2557.6 | 2614.8 | 2640.8 | 2582.3 | 2463.9 | 2289.6 | 2076.3 |
| 32.5°  | 1933.2 | 2029.4 | 2156.9 | 2199.8 | 2274.0 | 2384.6 | 2508.2 | 2530.3 | 2456.1 | 2322.1 | 2098.4 |
| 35°    | 1585.8 | 1665.2 | 1764.0 | 1831.7 | 1898.0 | 2077.6 | 2233.7 | 2369.0 | 2393.7 | 2305.2 | 2093.2 |
| 37.5°  | 1312.6 | 1368.6 | 1455.7 | 1513.0 | 1574.1 | 1727.6 | 1946.2 | 2121.8 | 2245.4 | 2248.0 | 2078.9 |
| 40°    | 1114.9 | 1139.6 | 1215.1 | 1256.7 | 1315.2 | 1447.9 | 1643.0 | 1872.0 | 2052.8 | 2136.1 | 2041.1 |
| 42.5°  | 944.5  | 977.0  | 1039.4 | 1070.6 | 1108.4 | 1224.2 | 1352.9 | 1570.2 | 1794.0 | 1972.2 | 1970.9 |
| 45°    | 843.0  | 866.4  | 895.0  | 921.0  | 964.0  | 1032.9 | 1179.9 | 1342.5 | 1557.2 | 1758.8 | 1838.2 |
| 47.5°  | 753.2  | 775.3  | 804.0  | 811.8  | 840.4  | 905.4  | 995.2  | 1137.0 | 1337.3 | 1537.7 | 1687.3 |
| 50°    | 677.8  | 696.0  | 715.5  | 729.8  | 742.8  | 796.2  | 863.8  | 983.5  | 1143.5 | 1337.3 | 1523.4 |
| 52.5°  | 619.2  | 632.2  | 649.2  | 657.0  | 668.7  | 707.7  | 759.7  | 848.2  | 979.6  | 1156.5 | 1337.3 |
| 55°    | 564.6  | 573.7  | 584.1  | 597.1  | 602.3  | 630.9  | 671.3  | 746.7  | 844.3  | 1003.0 | 1174.7 |
| 57.5°  | 513.9  | 517.8  | 524.3  | 532.1  | 538.6  | 563.3  | 598.4  | 649.2  | 735.0  | 857.3  | 1019.9 |
| 60°    | 456.6  | 467.0  | 470.9  | 478.7  | 482.6  | 502.2  | 529.5  | 572.4  | 638.7  | 744.1  | 866.4  |
| 62.5°  | 408.5  | 415.0  | 421.5  | 425.4  | 434.5  | 441.0  | 463.1  | 502.2  | 556.8  | 634.8  | 745.4  |
| 65°    | 365.6  | 368.2  | 372.1  | 376.0  | 378.6  | 386.4  | 407.2  | 433.2  | 474.8  | 543.8  | 629.6  |
| 67.5°  | 316.1  | 318.7  | 323.9  | 325.2  | 327.8  | 338.2  | 349.9  | 372.1  | 407.2  | 459.2  | 529.5  |
| 70°    | 268.0  | 271.9  | 274.5  | 277.1  | 281.0  | 284.9  | 297.9  | 316.1  | 343.4  | 379.9  | 434.5  |
| 72.5°  | 226.4  | 230.3  | 230.3  | 232.9  | 231.6  | 236.8  | 249.8  | 262.8  | 281.0  | 310.9  | 359.1  |
| 75°    | 184.7  | 184.7  | 187.3  | 188.6  | 189.9  | 195.1  | 200.3  | 210.7  | 225.1  | 248.5  | 278.4  |
| 77.5°  | 145.7  | 144.4  | 147.0  | 147.0  | 147.0  | 150.9  | 156.1  | 161.3  | 170.4  | 187.3  | 210.7  |
| 80°    | 106.7  | 106.7  | 109.3  | 110.6  | 108.0  | 109.3  | 111.9  | 117.1  | 123.6  | 135.3  | 148.3  |
| 82.5°  | 70.2   | 75.5   | 74.2   | 75.5   | 74.2   | 76.8   | 78.1   | 79.4   | 82.0   | 87.2   | 96.3   |
| 85°    | 42.9   | 42.9   | 42.9   | 44.2   | 42.9   | 44.2   | 44.2   | 44.2   | 45.5   | 48.1   | 52.0   |
| 87.5°  | 18.2   | 18.2   | 18.2   | 19.5   | 18.2   | 18.2   | 19.5   | 18.2   | 19.5   | 19.5   | 20.8   |
| 90°    | 21.4   | 21.1   | 20.8   | 20.6   | 20.3   | 19.6   | 18.9   | 18.3   | 17.6   | 15.5   | 13.4   |
| 92.5°  | 24.6   | 24.5   | 24.3   | 24.2   | 23.6   | 22.5   | 21.4   | 20.2   | 19.1   | 17.6   | 16.2   |
| 95°    | 27.9   | 27.9   | 27.9   | 27.9   | 27.3   | 26.2   | 25.1   | 23.9   | 22.8   | 21.0   | 19.2   |
| 97.5°  | 29.8   | 29.6   | 29.5   | 29.4   | 28.7   | 27.4   | 26.1   | 24.8   | 23.5   | 31.8   | 40.1   |
| 100°   | 30.5   | 30.3   | 30.2   | 30.1   | 29.4   | 28.1   | 26.8   | 25.5   | 24.2   | 49.7   | 75.1   |
| 102.5° | 30.9   | 30.6   | 30.3   | 30.1   | 32.8   | 38.2   | 43.5   | 48.9   | 54.3   | 82.7   | 111.1  |
| 105°   | 31.6   | 31.3   | 31.0   | 30.8   | 45.2   | 74.1   | 103.0  | 131.9  | 160.8  | 175.5  | 190.2  |
| 107.5° | 119.2  | 140.5  | 161.9  | 172.6  | 185.2  | 210.3  | 235.4  | 260.5  | 285.6  | 283.2  | 280.7  |
| 110°   | 248.6  | 271.9  | 295.2  | 306.9  | 309.6  | 315.0  | 320.4  | 325.8  | 331.2  | 329.4  | 327.6  |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 383.2 | 383.5 | 383.8 | 384.0  | 383.3 | 381.8 | 380.3 | 378.9 | 377.4 | 375.6 | 373.8 |
| 115°   | 430.5 | 429.8 | 429.1 | 428.8  | 428.0 | 426.4 | 424.7 | 423.1 | 421.5 | 420.0 | 418.6 |
| 117.5° | 471.1 | 470.9 | 470.8 | 470.7  | 470.0 | 468.7 | 467.4 | 466.1 | 464.8 | 464.0 | 463.2 |
| 120°   | 512.5 | 512.5 | 512.5 | 512.5  | 511.9 | 510.6 | 509.3 | 508.0 | 506.7 | 506.2 | 505.7 |
| 122.5° | 552.6 | 552.4 | 552.3 | 552.2  | 551.8 | 551.0 | 550.1 | 549.3 | 548.5 | 547.9 | 547.2 |
| 125°   | 589.7 | 589.4 | 589.1 | 588.9  | 588.7 | 588.4 | 588.1 | 587.7 | 587.4 | 586.8 | 586.1 |
| 127.5° | 627.7 | 628.0 | 628.3 | 628.5  | 628.3 | 627.8 | 627.3 | 626.8 | 626.3 | 625.5 | 624.7 |
| 130°   | 663.0 | 663.3 | 663.6 | 663.8  | 663.5 | 662.8 | 662.1 | 661.5 | 660.8 | 660.2 | 659.5 |
| 132.5° | 695.6 | 696.1 | 696.6 | 696.8  | 696.5 | 695.8 | 695.2 | 694.5 | 693.9 | 693.4 | 692.9 |
| 135°   | 728.7 | 729.2 | 729.7 | 729.9  | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 727.0 | 726.4 |
| 137.5° | 759.9 | 760.2 | 760.5 | 760.7  | 760.3 | 759.5 | 758.6 | 757.8 | 757.0 | 756.7 | 756.4 |
| 140°   | 787.8 | 788.1 | 788.4 | 788.6  | 788.3 | 787.6 | 787.0 | 786.3 | 785.7 | 785.2 | 784.7 |
| 142.5° | 813.8 | 814.3 | 814.8 | 815.0  | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 812.3 | 811.8 |
| 145°   | 839.3 | 839.3 | 839.3 | 839.3  | 839.1 | 838.8 | 838.5 | 838.1 | 837.8 | 837.5 | 837.1 |
| 147.5° | 860.0 | 860.8 | 861.6 | 862.0  | 861.8 | 861.5 | 861.2 | 860.9 | 860.6 | 860.3 | 859.9 |
| 150°   | 881.4 | 881.9 | 882.4 | 882.6  | 882.4 | 882.1 | 881.8 | 881.4 | 881.1 | 880.8 | 880.5 |
| 152.5° | 899.6 | 900.5 | 901.3 | 901.7  | 901.4 | 900.7 | 900.1 | 899.4 | 898.8 | 898.6 | 898.4 |
| 155°   | 916.2 | 917.1 | 918.1 | 918.6  | 918.2 | 917.4 | 916.5 | 915.7 | 914.9 | 914.7 | 914.6 |
| 157.5° | 930.7 | 932.0 | 933.3 | 934.0  | 933.5 | 932.5 | 931.6 | 930.6 | 929.6 | 929.8 | 929.9 |
| 160°   | 943.6 | 944.8 | 945.9 | 946.5  | 946.0 | 945.0 | 944.1 | 943.1 | 942.1 | 942.3 | 942.4 |
| 162.5° | 955.8 | 956.7 | 957.7 | 958.2  | 957.6 | 956.5 | 955.4 | 954.2 | 953.1 | 953.3 | 953.4 |
| 165°   | 965.7 | 966.8 | 967.9 | 968.5  | 967.8 | 966.5 | 965.2 | 963.9 | 962.6 | 962.8 | 963.0 |
| 167.5° | 973.3 | 974.6 | 975.9 | 976.6  | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 970.7 | 970.7 |
| 170°   | 979.9 | 981.2 | 982.5 | 983.2  | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 977.3 | 977.3 |
| 172.5° | 983.9 | 985.4 | 986.9 | 987.6  | 986.9 | 985.6 | 984.3 | 983.0 | 981.7 | 981.5 | 981.4 |
| 175°   | 987.3 | 988.6 | 989.9 | 990.5  | 989.9 | 988.8 | 987.7 | 986.5 | 985.4 | 985.2 | 985.1 |
| 177.5° | 988.6 | 990.3 | 991.9 | 992.7  | 992.1 | 990.8 | 989.5 | 988.2 | 986.9 | 986.7 | 986.5 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1379.0 | 1375.1 | 1375.1 | 1372.5 | 1364.7 | 1350.3 | 1349.0 | 1351.6 | 1343.8 | 1336.0 | 1324.3 |
| 5°     | 1446.6 | 1421.9 | 1414.1 | 1406.3 | 1390.7 | 1364.7 | 1354.2 | 1345.1 | 1330.8 | 1313.9 | 1295.7 |
| 7.5°   | 1503.9 | 1468.7 | 1458.3 | 1444.0 | 1412.8 | 1376.4 | 1352.9 | 1333.4 | 1313.9 | 1290.5 | 1268.4 |
| 10°    | 1575.4 | 1524.7 | 1499.9 | 1479.1 | 1436.2 | 1385.5 | 1350.3 | 1321.7 | 1290.5 | 1261.9 | 1233.3 |
| 12.5°  | 1656.1 | 1574.1 | 1566.3 | 1515.6 | 1466.1 | 1390.7 | 1347.7 | 1306.1 | 1264.5 | 1229.4 | 1199.4 |
| 15°    | 1723.7 | 1633.9 | 1601.4 | 1567.6 | 1472.6 | 1379.0 | 1337.3 | 1290.5 | 1242.4 | 1204.6 | 1160.4 |
| 17.5°  | 1766.6 | 1692.5 | 1623.5 | 1578.0 | 1479.1 | 1395.9 | 1315.2 | 1261.9 | 1211.1 | 1159.1 | 1122.7 |
| 20°    | 1818.7 | 1710.7 | 1650.9 | 1589.7 | 1492.1 | 1382.9 | 1302.2 | 1235.9 | 1173.4 | 1126.6 | 1082.4 |
| 22.5°  | 1870.7 | 1725.0 | 1675.6 | 1609.2 | 1494.7 | 1369.9 | 1278.8 | 1212.4 | 1140.9 | 1094.1 | 1045.9 |
| 25°    | 1865.5 | 1745.8 | 1663.9 | 1607.9 | 1468.7 | 1358.2 | 1251.5 | 1173.4 | 1107.1 | 1047.2 | 999.1  |
| 27.5°  | 1869.4 | 1722.4 | 1639.1 | 1574.1 | 1450.5 | 1341.2 | 1222.9 | 1140.9 | 1072.0 | 1009.5 | 958.8  |
| 30°    | 1870.7 | 1687.3 | 1614.4 | 1536.4 | 1416.7 | 1300.9 | 1190.3 | 1107.1 | 1034.2 | 966.6  | 921.0  |
| 32.5°  | 1866.8 | 1658.7 | 1567.6 | 1497.3 | 1363.4 | 1261.9 | 1152.6 | 1064.1 | 990.0  | 927.5  | 884.6  |
| 35°    | 1857.7 | 1624.8 | 1519.5 | 1431.0 | 1308.7 | 1205.9 | 1117.5 | 1026.4 | 947.1  | 889.8  | 840.4  |
| 37.5°  | 1833.0 | 1588.4 | 1468.7 | 1381.6 | 1245.0 | 1140.9 | 1062.8 | 987.4  | 910.6  | 843.0  | 801.4  |
| 40°    | 1814.8 | 1539.0 | 1418.0 | 1323.0 | 1176.0 | 1074.6 | 1009.5 | 938.0  | 862.5  | 801.4  | 761.0  |
| 42.5°  | 1773.1 | 1492.1 | 1366.0 | 1252.8 | 1108.4 | 1004.3 | 943.2  | 885.9  | 820.9  | 761.0  | 724.6  |
| 45°    | 1705.5 | 1441.4 | 1302.2 | 1187.7 | 1034.2 | 935.4  | 879.4  | 832.6  | 775.3  | 718.1  | 681.7  |
| 47.5°  | 1610.5 | 1368.6 | 1234.6 | 1120.1 | 961.4  | 861.2  | 805.3  | 770.1  | 724.6  | 676.5  | 645.3  |
| 50°    | 1507.8 | 1289.2 | 1165.6 | 1052.4 | 891.1  | 793.6  | 738.9  | 706.4  | 676.5  | 632.2  | 602.3  |
| 52.5°  | 1373.8 | 1204.6 | 1086.3 | 978.3  | 815.7  | 722.0  | 673.9  | 650.5  | 619.2  | 588.0  | 562.0  |
| 55°    | 1243.7 | 1095.4 | 997.8  | 895.0  | 741.5  | 654.4  | 607.5  | 582.8  | 564.6  | 538.6  | 517.8  |
| 57.5°  | 1092.8 | 993.9  | 904.1  | 810.5  | 672.6  | 593.2  | 549.0  | 519.1  | 507.4  | 495.6  | 476.1  |
| 60°    | 953.6  | 878.1  | 805.3  | 727.2  | 601.0  | 529.5  | 486.5  | 463.1  | 451.4  | 443.6  | 430.6  |
| 62.5°  | 826.1  | 767.5  | 705.1  | 642.6  | 528.2  | 463.1  | 430.6  | 407.2  | 396.8  | 395.5  | 383.8  |
| 65°    | 703.8  | 662.2  | 611.4  | 550.3  | 460.5  | 403.3  | 372.1  | 357.8  | 346.0  | 346.0  | 336.9  |
| 67.5°  | 581.5  | 552.9  | 512.6  | 469.6  | 399.4  | 346.0  | 317.4  | 304.4  | 297.9  | 297.9  | 291.4  |
| 70°    | 483.9  | 464.4  | 428.0  | 390.3  | 329.1  | 288.8  | 266.7  | 255.0  | 251.1  | 252.4  | 247.2  |
| 72.5°  | 392.9  | 372.1  | 342.1  | 314.8  | 269.3  | 239.4  | 223.8  | 210.7  | 204.2  | 205.5  | 204.2  |
| 75°    | 304.4  | 294.0  | 268.0  | 247.2  | 210.7  | 189.9  | 175.6  | 169.1  | 163.9  | 165.2  | 162.6  |
| 77.5°  | 229.0  | 213.3  | 199.0  | 184.7  | 162.6  | 145.7  | 134.0  | 127.5  | 123.6  | 123.6  | 123.6  |
| 80°    | 156.1  | 153.5  | 141.8  | 134.0  | 115.8  | 102.8  | 93.7   | 92.4   | 88.5   | 88.5   | 88.5   |
| 82.5°  | 101.5  | 95.0   | 88.5   | 83.3   | 72.9   | 65.0   | 61.1   | 58.5   | 57.2   | 55.9   | 58.5   |
| 85°    | 55.9   | 52.0   | 49.4   | 44.2   | 40.3   | 36.4   | 32.5   | 31.2   | 29.9   | 31.2   | 29.9   |
| 87.5°  | 22.1   | 18.2   | 18.2   | 16.9   | 15.6   | 14.3   | 14.3   | 11.7   | 11.7   | 10.4   | 10.4   |
| 90°    | 11.3   | 9.2    | 8.1    | 7.3    | 5.6    | 4.0    | 2.3    | 0.7    | 2.3    | 4.0    | 5.6    |
| 92.5°  | 14.7   | 13.2   | 12.5   | 13.0   | 14.0   | 14.9   | 15.9   | 16.9   | 15.9   | 14.9   | 14.0   |
| 95°    | 17.4   | 15.6   | 14.7   | 18.0   | 24.7   | 31.4   | 38.1   | 44.8   | 38.1   | 31.4   | 24.7   |
| 97.5°  | 48.4   | 56.7   | 60.9   | 63.2   | 67.8   | 72.3   | 76.9   | 81.5   | 76.9   | 72.3   | 67.8   |
| 100°   | 100.6  | 126.1  | 138.8  | 137.2  | 133.9  | 130.6  | 127.4  | 124.1  | 127.4  | 130.6  | 133.9  |
| 102.5° | 139.5  | 167.9  | 182.1  | 181.0  | 178.9  | 176.8  | 174.7  | 172.6  | 174.7  | 176.8  | 178.9  |
| 105°   | 204.9  | 219.6  | 226.9  | 226.0  | 224.2  | 222.4  | 220.6  | 218.8  | 220.6  | 222.4  | 224.2  |
| 107.5° | 278.3  | 275.8  | 274.6  | 273.9  | 272.4  | 270.9  | 269.5  | 268.0  | 269.5  | 270.9  | 272.4  |
| 110°   | 325.8  | 324.0  | 323.1  | 322.4  | 321.1  | 319.8  | 318.5  | 317.2  | 318.5  | 319.8  | 321.1  |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 372.0 | 370.2 | 369.3  | 368.7 | 367.6 | 366.5 | 365.3 | 364.2 | 365.3 | 366.5 | 367.6 |
| 115°   | 417.1 | 415.6 | 414.9  | 414.4 | 413.4 | 412.5 | 411.5 | 410.5 | 411.5 | 412.5 | 413.4 |
| 117.5° | 462.3 | 461.5 | 461.1  | 460.5 | 459.4 | 458.3 | 457.1 | 456.0 | 457.1 | 458.3 | 459.4 |
| 120°   | 505.2 | 504.7 | 504.4  | 503.7 | 502.2 | 500.7 | 499.3 | 497.8 | 499.3 | 500.7 | 502.2 |
| 122.5° | 546.6 | 545.9 | 545.6  | 545.0 | 543.9 | 542.7 | 541.6 | 540.4 | 541.6 | 542.7 | 543.9 |
| 125°   | 585.5 | 584.8 | 584.5  | 583.8 | 582.5 | 581.2 | 579.9 | 578.6 | 579.9 | 581.2 | 582.5 |
| 127.5° | 623.9 | 623.1 | 622.7  | 622.0 | 620.7 | 619.4 | 618.1 | 616.8 | 618.1 | 619.4 | 620.7 |
| 130°   | 658.9 | 658.2 | 657.9  | 657.2 | 655.9 | 654.6 | 653.3 | 652.0 | 653.3 | 654.6 | 655.9 |
| 132.5° | 692.4 | 691.9 | 691.7  | 691.0 | 689.7 | 688.4 | 687.1 | 685.8 | 687.1 | 688.4 | 689.7 |
| 135°   | 725.7 | 725.0 | 724.7  | 724.2 | 723.2 | 722.3 | 721.3 | 720.3 | 721.3 | 722.3 | 723.2 |
| 137.5° | 756.1 | 755.8 | 755.6  | 754.9 | 753.6 | 752.3 | 751.0 | 749.7 | 751.0 | 752.3 | 753.6 |
| 140°   | 784.2 | 783.7 | 783.5  | 783.0 | 782.0 | 781.1 | 780.1 | 779.1 | 780.1 | 781.1 | 782.0 |
| 142.5° | 811.3 | 810.8 | 810.6  | 810.1 | 809.1 | 808.2 | 807.2 | 806.2 | 807.2 | 808.2 | 809.1 |
| 145°   | 836.8 | 836.5 | 836.3  | 835.7 | 834.6 | 833.5 | 832.3 | 831.2 | 832.3 | 833.5 | 834.6 |
| 147.5° | 859.6 | 859.3 | 859.1  | 858.7 | 857.9 | 857.0 | 856.2 | 855.4 | 856.2 | 857.0 | 857.9 |
| 150°   | 880.2 | 879.9 | 879.7  | 879.5 | 879.0 | 878.5 | 878.0 | 877.5 | 878.0 | 878.5 | 879.0 |
| 152.5° | 898.3 | 898.1 | 898.0  | 897.9 | 897.8 | 897.6 | 897.5 | 897.3 | 897.5 | 897.6 | 897.8 |
| 155°   | 914.4 | 914.3 | 914.2  | 914.4 | 914.7 | 915.0 | 915.3 | 915.6 | 915.3 | 915.0 | 914.7 |
| 157.5° | 930.1 | 930.2 | 930.3  | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 160°   | 942.6 | 942.7 | 942.8  | 942.9 | 943.0 | 943.2 | 943.3 | 943.5 | 943.3 | 943.2 | 943.0 |
| 162.5° | 953.6 | 953.7 | 953.8  | 954.0 | 954.5 | 955.0 | 955.5 | 956.0 | 955.5 | 955.0 | 954.5 |
| 165°   | 963.1 | 963.3 | 963.4  | 963.6 | 964.1 | 964.6 | 965.1 | 965.6 | 965.1 | 964.6 | 964.1 |
| 167.5° | 970.7 | 970.7 | 970.7  | 971.0 | 971.7 | 972.4 | 973.0 | 973.7 | 973.0 | 972.4 | 971.7 |
| 170°   | 977.3 | 977.3 | 977.3  | 977.6 | 978.3 | 979.0 | 979.6 | 980.3 | 979.6 | 979.0 | 978.3 |
| 172.5° | 981.2 | 981.1 | 981.0  | 981.4 | 982.2 | 983.1 | 983.9 | 984.7 | 983.9 | 983.1 | 982.2 |
| 175°   | 984.9 | 984.8 | 984.7  | 985.1 | 985.9 | 986.7 | 987.5 | 988.3 | 987.5 | 986.7 | 985.9 |
| 177.5° | 986.4 | 986.2 | 986.1  | 986.5 | 987.3 | 988.2 | 989.0 | 989.8 | 989.0 | 988.2 | 987.3 |
| 180°   | 988.3 | 988.3 | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1321.7 | 1320.4 | 1323.0 | 1315.2 | 1302.2 | 1295.7 | 1277.5 | 1273.6 | 1272.3 | 1273.6 | 1274.9 |
| 5°     | 1285.3 | 1284.0 | 1280.1 | 1267.1 | 1251.5 | 1239.8 | 1217.7 | 1216.4 | 1208.5 | 1200.7 | 1204.6 |
| 7.5°   | 1250.2 | 1245.0 | 1237.2 | 1220.3 | 1199.4 | 1186.4 | 1168.2 | 1155.2 | 1144.8 | 1138.3 | 1133.1 |
| 10°    | 1215.1 | 1207.2 | 1199.4 | 1177.3 | 1151.3 | 1131.8 | 1109.7 | 1099.3 | 1087.6 | 1082.4 | 1077.2 |
| 12.5°  | 1169.5 | 1161.7 | 1147.4 | 1121.4 | 1105.8 | 1081.1 | 1058.9 | 1048.5 | 1042.0 | 1031.6 | 1025.1 |
| 15°    | 1133.1 | 1117.5 | 1109.7 | 1082.4 | 1049.8 | 1047.2 | 1006.9 | 1004.3 | 991.3  | 991.3  | 980.9  |
| 17.5°  | 1091.5 | 1079.8 | 1065.4 | 1038.1 | 1014.7 | 991.3  | 970.5  | 962.7  | 951.0  | 948.4  | 943.2  |
| 20°    | 1051.1 | 1035.5 | 1030.3 | 1003.0 | 978.3  | 949.7  | 927.5  | 919.7  | 914.5  | 909.3  | 913.2  |
| 22.5°  | 1009.5 | 996.5  | 983.5  | 958.8  | 940.6  | 911.9  | 898.9  | 891.1  | 883.3  | 880.7  | 882.0  |
| 25°    | 969.2  | 957.5  | 944.5  | 919.7  | 900.2  | 876.8  | 865.1  | 861.2  | 857.3  | 857.3  | 856.0  |
| 27.5°  | 930.2  | 918.4  | 906.7  | 884.6  | 865.1  | 848.2  | 839.1  | 835.2  | 831.3  | 833.9  | 836.5  |
| 30°    | 889.8  | 879.4  | 869.0  | 849.5  | 833.9  | 818.3  | 813.1  | 810.5  | 809.2  | 815.7  | 815.7  |
| 32.5°  | 853.4  | 844.3  | 836.5  | 818.3  | 802.7  | 789.7  | 785.7  | 787.1  | 788.4  | 792.3  | 794.9  |
| 35°    | 815.7  | 809.2  | 801.4  | 785.7  | 772.7  | 761.0  | 762.3  | 762.3  | 764.9  | 771.4  | 776.6  |
| 37.5°  | 781.8  | 772.7  | 766.2  | 753.2  | 742.8  | 732.4  | 736.3  | 740.2  | 742.8  | 750.6  | 753.2  |
| 40°    | 741.5  | 737.6  | 732.4  | 719.4  | 710.3  | 709.0  | 710.3  | 712.9  | 718.1  | 722.0  | 725.9  |
| 42.5°  | 709.0  | 703.8  | 697.3  | 686.9  | 679.1  | 680.4  | 681.7  | 684.3  | 686.9  | 693.4  | 697.3  |
| 45°    | 672.6  | 668.7  | 663.5  | 654.4  | 647.9  | 649.2  | 650.5  | 650.5  | 653.1  | 660.9  | 663.5  |
| 47.5°  | 632.2  | 633.5  | 627.0  | 617.9  | 614.0  | 614.0  | 614.0  | 616.6  | 623.1  | 625.7  | 627.0  |
| 50°    | 593.2  | 590.6  | 589.3  | 580.2  | 577.6  | 576.3  | 577.6  | 578.9  | 588.0  | 586.7  | 590.6  |
| 52.5°  | 551.6  | 551.6  | 550.3  | 545.1  | 541.2  | 541.2  | 538.6  | 545.1  | 547.7  | 550.3  | 554.2  |
| 55°    | 511.3  | 507.4  | 506.1  | 503.5  | 498.2  | 496.9  | 499.5  | 507.4  | 510.0  | 512.6  | 516.5  |
| 57.5°  | 467.0  | 467.0  | 464.4  | 460.5  | 460.5  | 460.5  | 460.5  | 465.7  | 469.6  | 472.2  | 480.0  |
| 60°    | 426.7  | 421.5  | 417.6  | 417.6  | 417.6  | 416.3  | 424.1  | 424.1  | 431.9  | 433.2  | 435.8  |
| 62.5°  | 378.6  | 376.0  | 373.4  | 374.7  | 373.4  | 376.0  | 378.6  | 383.8  | 385.1  | 389.0  | 392.9  |
| 65°    | 333.0  | 333.0  | 330.4  | 338.2  | 333.0  | 333.0  | 339.5  | 339.5  | 342.1  | 346.0  | 351.2  |
| 67.5°  | 288.8  | 290.1  | 287.5  | 287.5  | 290.1  | 291.4  | 292.7  | 297.9  | 299.2  | 304.4  | 310.9  |
| 70°    | 243.3  | 245.9  | 247.2  | 244.6  | 247.2  | 249.8  | 252.4  | 253.7  | 258.9  | 261.5  | 265.4  |
| 72.5°  | 202.9  | 205.5  | 201.6  | 202.9  | 204.2  | 206.8  | 208.1  | 210.7  | 213.3  | 221.2  | 223.8  |
| 75°    | 162.6  | 161.3  | 160.0  | 165.2  | 162.6  | 167.8  | 169.1  | 169.1  | 171.7  | 178.2  | 180.8  |
| 77.5°  | 124.9  | 124.9  | 126.2  | 123.6  | 127.5  | 126.2  | 127.5  | 131.4  | 135.3  | 135.3  | 145.7  |
| 80°    | 87.2   | 89.8   | 89.8   | 89.8   | 91.1   | 92.4   | 89.8   | 96.3   | 97.6   | 97.6   | 101.5  |
| 82.5°  | 55.9   | 57.2   | 55.9   | 58.5   | 58.5   | 61.1   | 59.8   | 61.1   | 63.7   | 66.3   | 67.6   |
| 85°    | 29.9   | 29.9   | 32.5   | 32.5   | 31.2   | 32.5   | 31.2   | 32.5   | 35.1   | 35.1   | 36.4   |
| 87.5°  | 10.4   | 10.4   | 10.4   | 10.4   | 11.7   | 10.4   | 11.7   | 11.7   | 10.4   | 10.4   | 14.3   |
| 90°    | 7.3    | 8.1    | 9.2    | 11.3   | 13.4   | 15.5   | 17.6   | 18.3   | 18.9   | 19.6   | 20.3   |
| 92.5°  | 13.0   | 12.5   | 13.2   | 14.7   | 16.2   | 17.6   | 19.1   | 20.2   | 21.4   | 22.5   | 23.6   |
| 95°    | 18.0   | 14.7   | 15.6   | 17.4   | 19.2   | 21.0   | 22.8   | 23.9   | 25.1   | 26.2   | 27.3   |
| 97.5°  | 63.2   | 60.9   | 56.7   | 48.4   | 40.1   | 31.8   | 23.5   | 24.8   | 26.1   | 27.4   | 28.7   |
| 100°   | 137.2  | 138.8  | 126.1  | 100.6  | 75.1   | 49.7   | 24.2   | 25.5   | 26.8   | 28.1   | 29.4   |
| 102.5° | 181.0  | 182.1  | 167.9  | 139.5  | 111.1  | 82.7   | 54.3   | 48.9   | 43.5   | 38.2   | 32.8   |
| 105°   | 226.0  | 226.9  | 219.6  | 204.9  | 190.2  | 175.5  | 160.8  | 131.9  | 103.0  | 74.1   | 45.2   |
| 107.5° | 273.9  | 274.6  | 275.8  | 278.3  | 280.7  | 283.2  | 285.6  | 260.5  | 235.4  | 210.3  | 185.2  |
| 110°   | 322.4  | 323.1  | 324.0  | 325.8  | 327.6  | 329.4  | 331.2  | 325.8  | 320.4  | 315.0  | 309.6  |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 368.7 | 369.3  | 370.2 | 372.0 | 373.8 | 375.6 | 377.4 | 378.9 | 380.3 | 381.8 | 383.3 |
| 115°   | 414.4 | 414.9  | 415.6 | 417.1 | 418.6 | 420.0 | 421.5 | 423.1 | 424.7 | 426.4 | 428.0 |
| 117.5° | 460.5 | 461.1  | 461.5 | 462.3 | 463.2 | 464.0 | 464.8 | 466.1 | 467.4 | 468.7 | 470.0 |
| 120°   | 503.7 | 504.4  | 504.7 | 505.2 | 505.7 | 506.2 | 506.7 | 508.0 | 509.3 | 510.6 | 511.9 |
| 122.5° | 545.0 | 545.6  | 545.9 | 546.6 | 547.2 | 547.9 | 548.5 | 549.3 | 550.1 | 551.0 | 551.8 |
| 125°   | 583.8 | 584.5  | 584.8 | 585.5 | 586.1 | 586.8 | 587.4 | 587.7 | 588.1 | 588.4 | 588.7 |
| 127.5° | 622.0 | 622.7  | 623.1 | 623.9 | 624.7 | 625.5 | 626.3 | 626.8 | 627.3 | 627.8 | 628.3 |
| 130°   | 657.2 | 657.9  | 658.2 | 658.9 | 659.5 | 660.2 | 660.8 | 661.5 | 662.1 | 662.8 | 663.5 |
| 132.5° | 691.0 | 691.7  | 691.9 | 692.4 | 692.9 | 693.4 | 693.9 | 694.5 | 695.2 | 695.8 | 696.5 |
| 135°   | 724.2 | 724.7  | 725.0 | 725.7 | 726.4 | 727.0 | 727.7 | 728.2 | 728.7 | 729.2 | 729.7 |
| 137.5° | 754.9 | 755.6  | 755.8 | 756.1 | 756.4 | 756.7 | 757.0 | 757.8 | 758.6 | 759.5 | 760.3 |
| 140°   | 783.0 | 783.5  | 783.7 | 784.2 | 784.7 | 785.2 | 785.7 | 786.3 | 787.0 | 787.6 | 788.3 |
| 142.5° | 810.1 | 810.6  | 810.8 | 811.3 | 811.8 | 812.3 | 812.8 | 813.3 | 813.8 | 814.3 | 814.8 |
| 145°   | 835.7 | 836.3  | 836.5 | 836.8 | 837.1 | 837.5 | 837.8 | 838.1 | 838.5 | 838.8 | 839.1 |
| 147.5° | 858.7 | 859.1  | 859.3 | 859.6 | 859.9 | 860.3 | 860.6 | 860.9 | 861.2 | 861.5 | 861.8 |
| 150°   | 879.5 | 879.7  | 879.9 | 880.2 | 880.5 | 880.8 | 881.1 | 881.4 | 881.8 | 882.1 | 882.4 |
| 152.5° | 897.9 | 898.0  | 898.1 | 898.3 | 898.4 | 898.6 | 898.8 | 899.4 | 900.1 | 900.7 | 901.4 |
| 155°   | 914.4 | 914.2  | 914.3 | 914.4 | 914.6 | 914.7 | 914.9 | 915.7 | 916.5 | 917.4 | 918.2 |
| 157.5° | 930.3 | 930.3  | 930.2 | 930.1 | 929.9 | 929.8 | 929.6 | 930.6 | 931.6 | 932.5 | 933.5 |
| 160°   | 942.9 | 942.8  | 942.7 | 942.6 | 942.4 | 942.3 | 942.1 | 943.1 | 944.1 | 945.0 | 946.0 |
| 162.5° | 954.0 | 953.8  | 953.7 | 953.6 | 953.4 | 953.3 | 953.1 | 954.2 | 955.4 | 956.5 | 957.6 |
| 165°   | 963.6 | 963.4  | 963.3 | 963.1 | 963.0 | 962.8 | 962.6 | 963.9 | 965.2 | 966.5 | 967.8 |
| 167.5° | 971.0 | 970.7  | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 | 972.0 | 973.3 | 974.6 | 975.9 |
| 170°   | 977.6 | 977.3  | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 | 978.6 | 979.9 | 981.2 | 982.5 |
| 172.5° | 981.4 | 981.0  | 981.1 | 981.2 | 981.4 | 981.5 | 981.7 | 983.0 | 984.3 | 985.6 | 986.9 |
| 175°   | 985.1 | 984.7  | 984.8 | 984.9 | 985.1 | 985.2 | 985.4 | 986.5 | 987.7 | 988.8 | 989.9 |
| 177.5° | 986.5 | 986.1  | 986.2 | 986.4 | 986.5 | 986.7 | 986.9 | 988.2 | 989.5 | 990.8 | 992.1 |
| 180°   | 988.3 | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1273.6 | 1274.9 | 1269.7 | 1265.8 | 1276.2 | 1269.7 | 1269.7 | 1271.0 | 1268.4 | 1272.3 | 1271.0 |
| 5°     | 1202.0 | 1203.3 | 1194.2 | 1196.8 | 1191.6 | 1190.3 | 1189.0 | 1196.8 | 1195.5 | 1194.2 | 1196.8 |
| 7.5°   | 1131.8 | 1131.8 | 1127.9 | 1125.3 | 1125.3 | 1121.4 | 1126.6 | 1125.3 | 1127.9 | 1127.9 | 1131.8 |
| 10°    | 1073.3 | 1075.9 | 1069.3 | 1062.8 | 1061.5 | 1062.8 | 1062.8 | 1064.1 | 1065.4 | 1074.6 | 1073.3 |
| 12.5°  | 1025.1 | 1021.2 | 1019.9 | 1016.0 | 1009.5 | 1006.9 | 1004.3 | 1018.6 | 1014.7 | 1014.7 | 1014.7 |
| 15°    | 971.8  | 980.9  | 979.6  | 967.9  | 965.3  | 970.5  | 967.9  | 967.9  | 980.9  | 979.6  | 978.3  |
| 17.5°  | 943.2  | 940.6  | 938.0  | 931.5  | 932.8  | 931.5  | 932.8  | 932.8  | 940.6  | 940.6  | 940.6  |
| 20°    | 910.6  | 905.4  | 905.4  | 902.8  | 902.8  | 898.9  | 904.1  | 905.4  | 910.6  | 910.6  | 911.9  |
| 22.5°  | 882.0  | 878.1  | 878.1  | 876.8  | 879.4  | 874.2  | 879.4  | 880.7  | 880.7  | 884.6  | 884.6  |
| 25°    | 857.3  | 854.7  | 854.7  | 857.3  | 857.3  | 857.3  | 857.3  | 862.5  | 858.6  | 859.9  | 858.6  |
| 27.5°  | 835.2  | 836.5  | 837.8  | 839.1  | 837.8  | 839.1  | 840.4  | 843.0  | 844.3  | 843.0  | 840.4  |
| 30°    | 814.4  | 818.3  | 819.6  | 819.6  | 822.2  | 823.5  | 824.8  | 824.8  | 826.1  | 822.2  | 824.8  |
| 32.5°  | 798.8  | 798.8  | 801.4  | 802.7  | 805.3  | 806.6  | 806.6  | 809.2  | 807.9  | 804.0  | 805.3  |
| 35°    | 776.6  | 776.6  | 781.8  | 784.4  | 788.4  | 787.1  | 788.4  | 788.4  | 789.7  | 787.1  | 783.1  |
| 37.5°  | 754.5  | 757.1  | 757.1  | 762.3  | 763.6  | 764.9  | 763.6  | 766.2  | 764.9  | 762.3  | 761.0  |
| 40°    | 728.5  | 727.2  | 728.5  | 732.4  | 733.7  | 733.7  | 733.7  | 736.3  | 736.3  | 736.3  | 735.0  |
| 42.5°  | 696.0  | 699.9  | 698.6  | 702.5  | 701.2  | 701.2  | 703.8  | 706.4  | 707.7  | 703.8  | 705.1  |
| 45°    | 664.8  | 664.8  | 667.4  | 667.4  | 668.7  | 668.7  | 673.9  | 671.3  | 673.9  | 671.3  | 672.6  |
| 47.5°  | 630.9  | 632.2  | 632.2  | 633.5  | 636.1  | 638.7  | 636.1  | 637.4  | 637.4  | 638.7  | 636.1  |
| 50°    | 593.2  | 593.2  | 595.8  | 599.7  | 604.9  | 602.3  | 601.0  | 606.2  | 602.3  | 602.3  | 599.7  |
| 52.5°  | 554.2  | 558.1  | 559.4  | 563.3  | 567.2  | 568.5  | 569.8  | 567.2  | 568.5  | 564.6  | 565.9  |
| 55°    | 516.5  | 517.8  | 523.0  | 526.9  | 530.8  | 530.8  | 529.5  | 530.8  | 532.1  | 526.9  | 526.9  |
| 57.5°  | 478.7  | 482.6  | 487.8  | 487.8  | 493.0  | 493.0  | 491.7  | 491.7  | 493.0  | 489.1  | 487.8  |
| 60°    | 438.4  | 442.3  | 448.8  | 448.8  | 456.6  | 457.9  | 455.3  | 452.7  | 452.7  | 448.8  | 450.1  |
| 62.5°  | 395.5  | 399.4  | 403.3  | 409.8  | 415.0  | 412.4  | 417.6  | 412.4  | 413.7  | 405.9  | 405.9  |
| 65°    | 357.8  | 359.1  | 365.6  | 372.1  | 372.1  | 374.7  | 372.1  | 373.4  | 369.5  | 369.5  | 364.3  |
| 67.5°  | 313.5  | 313.5  | 320.0  | 326.5  | 333.0  | 333.0  | 333.0  | 329.1  | 329.1  | 325.2  | 325.2  |
| 70°    | 274.5  | 273.2  | 279.7  | 283.6  | 287.5  | 288.8  | 286.2  | 284.9  | 282.3  | 278.4  | 277.1  |
| 72.5°  | 226.4  | 229.0  | 235.5  | 238.1  | 244.6  | 243.3  | 249.8  | 242.0  | 242.0  | 235.5  | 234.2  |
| 75°    | 183.4  | 186.0  | 192.5  | 196.4  | 200.3  | 200.3  | 204.2  | 200.3  | 195.1  | 192.5  | 191.2  |
| 77.5°  | 145.7  | 144.4  | 149.6  | 156.1  | 157.4  | 156.1  | 158.7  | 157.4  | 152.2  | 152.2  | 149.6  |
| 80°    | 104.1  | 108.0  | 113.2  | 111.9  | 117.1  | 115.8  | 115.8  | 113.2  | 113.2  | 109.3  | 111.9  |
| 82.5°  | 68.9   | 72.9   | 74.2   | 72.9   | 74.2   | 76.8   | 78.1   | 76.8   | 76.8   | 74.2   | 75.5   |
| 85°    | 36.4   | 36.4   | 39.0   | 40.3   | 39.0   | 39.0   | 40.3   | 44.2   | 41.6   | 39.0   | 41.6   |
| 87.5°  | 11.7   | 10.4   | 10.4   | 11.7   | 10.4   | 10.4   | 11.7   | 11.7   | 13.0   | 13.0   | 13.0   |
| 90°    | 20.6   | 20.8   | 21.1   | 21.4   | 21.7   | 22.0   | 21.7   | 21.4   | 21.1   | 20.8   | 20.6   |
| 92.5°  | 24.2   | 24.3   | 24.5   | 24.6   | 24.8   | 25.0   | 24.8   | 24.6   | 24.5   | 24.3   | 24.2   |
| 95°    | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   |
| 97.5°  | 29.4   | 29.5   | 29.6   | 29.8   | 29.9   | 30.1   | 29.9   | 29.8   | 29.6   | 29.5   | 29.4   |
| 100°   | 30.1   | 30.2   | 30.3   | 30.5   | 30.6   | 30.8   | 30.6   | 30.5   | 30.3   | 30.2   | 30.1   |
| 102.5° | 30.1   | 30.3   | 30.6   | 30.9   | 31.3   | 31.6   | 31.3   | 30.9   | 30.6   | 30.3   | 30.1   |
| 105°   | 30.8   | 31.0   | 31.3   | 31.6   | 32.0   | 32.3   | 32.0   | 31.6   | 31.3   | 31.0   | 30.8   |
| 107.5° | 172.6  | 161.9  | 140.5  | 119.2  | 97.8   | 76.4   | 97.8   | 119.2  | 140.5  | 161.9  | 172.6  |
| 110°   | 306.9  | 295.2  | 271.9  | 248.6  | 225.2  | 201.9  | 225.2  | 248.6  | 271.9  | 295.2  | 306.9  |



TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 384.0  | 383.8 | 383.5 | 383.2 | 382.9 | 382.6 | 382.9 | 383.2 | 383.5 | 383.8 | 384.0  |
| 115°   | 428.8  | 429.1 | 429.8 | 430.5 | 431.1 | 431.8 | 431.1 | 430.5 | 429.8 | 429.1 | 428.8  |
| 117.5° | 470.7  | 470.8 | 470.9 | 471.1 | 471.2 | 471.4 | 471.2 | 471.1 | 470.9 | 470.8 | 470.7  |
| 120°   | 512.5  | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5  |
| 122.5° | 552.2  | 552.3 | 552.4 | 552.6 | 552.7 | 552.9 | 552.7 | 552.6 | 552.4 | 552.3 | 552.2  |
| 125°   | 588.9  | 589.1 | 589.4 | 589.7 | 590.1 | 590.4 | 590.1 | 589.7 | 589.4 | 589.1 | 588.9  |
| 127.5° | 628.5  | 628.3 | 628.0 | 627.7 | 627.4 | 627.1 | 627.4 | 627.7 | 628.0 | 628.3 | 628.5  |
| 130°   | 663.8  | 663.6 | 663.3 | 663.0 | 662.6 | 662.3 | 662.6 | 663.0 | 663.3 | 663.6 | 663.8  |
| 132.5° | 696.8  | 696.6 | 696.1 | 695.6 | 695.1 | 694.6 | 695.1 | 695.6 | 696.1 | 696.6 | 696.8  |
| 135°   | 729.9  | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 728.2 | 728.7 | 729.2 | 729.7 | 729.9  |
| 137.5° | 760.7  | 760.5 | 760.2 | 759.9 | 759.5 | 759.2 | 759.5 | 759.9 | 760.2 | 760.5 | 760.7  |
| 140°   | 788.6  | 788.4 | 788.1 | 787.8 | 787.4 | 787.1 | 787.4 | 787.8 | 788.1 | 788.4 | 788.6  |
| 142.5° | 815.0  | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 813.3 | 813.8 | 814.3 | 814.8 | 815.0  |
| 145°   | 839.3  | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3  |
| 147.5° | 862.0  | 861.6 | 860.8 | 860.0 | 859.2 | 858.4 | 859.2 | 860.0 | 860.8 | 861.6 | 862.0  |
| 150°   | 882.6  | 882.4 | 881.9 | 881.4 | 880.9 | 880.4 | 880.9 | 881.4 | 881.9 | 882.4 | 882.6  |
| 152.5° | 901.7  | 901.3 | 900.5 | 899.6 | 898.8 | 898.0 | 898.8 | 899.6 | 900.5 | 901.3 | 901.7  |
| 155°   | 918.6  | 918.1 | 917.1 | 916.2 | 915.2 | 914.2 | 915.2 | 916.2 | 917.1 | 918.1 | 918.6  |
| 157.5° | 934.0  | 933.3 | 932.0 | 930.7 | 929.4 | 928.1 | 929.4 | 930.7 | 932.0 | 933.3 | 934.0  |
| 160°   | 946.5  | 945.9 | 944.8 | 943.6 | 942.5 | 941.3 | 942.5 | 943.6 | 944.8 | 945.9 | 946.5  |
| 162.5° | 958.2  | 957.7 | 956.7 | 955.8 | 954.8 | 953.8 | 954.8 | 955.8 | 956.7 | 957.7 | 958.2  |
| 165°   | 968.5  | 967.9 | 966.8 | 965.7 | 964.5 | 963.4 | 964.5 | 965.7 | 966.8 | 967.9 | 968.5  |
| 167.5° | 976.6  | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 972.0 | 973.3 | 974.6 | 975.9 | 976.6  |
| 170°   | 983.2  | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 978.6 | 979.9 | 981.2 | 982.5 | 983.2  |
| 172.5° | 987.6  | 986.9 | 985.4 | 983.9 | 982.5 | 981.0 | 982.5 | 983.9 | 985.4 | 986.9 | 987.6  |
| 175°   | 990.5  | 989.9 | 988.6 | 987.3 | 986.0 | 984.7 | 986.0 | 987.3 | 988.6 | 989.9 | 990.5  |
| 177.5° | 992.7  | 991.9 | 990.3 | 988.6 | 987.0 | 985.4 | 987.0 | 988.6 | 990.3 | 991.9 | 992.7  |
| 180°   | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3  |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1274.9 | 1277.5 | 1278.8 | 1273.6 | 1269.7 | 1276.2 | 1285.3 | 1291.8 | 1297.0 | 1303.5 | 1307.4 |
| 5°     | 1199.4 | 1208.5 | 1208.5 | 1211.1 | 1215.1 | 1221.6 | 1238.5 | 1250.2 | 1260.6 | 1268.4 | 1274.9 |
| 7.5°   | 1135.7 | 1142.2 | 1146.1 | 1152.6 | 1159.1 | 1168.2 | 1187.7 | 1204.6 | 1220.3 | 1229.4 | 1239.8 |
| 10°    | 1078.5 | 1083.7 | 1090.2 | 1094.1 | 1105.8 | 1118.8 | 1143.5 | 1157.8 | 1176.0 | 1190.3 | 1203.3 |
| 12.5°  | 1023.8 | 1042.0 | 1045.9 | 1044.6 | 1055.0 | 1069.3 | 1094.1 | 1116.2 | 1135.7 | 1150.0 | 1164.3 |
| 15°    | 984.8  | 991.3  | 999.1  | 997.8  | 1019.9 | 1023.8 | 1044.6 | 1070.6 | 1096.7 | 1105.8 | 1118.8 |
| 17.5°  | 941.9  | 952.3  | 960.1  | 964.0  | 970.5  | 984.8  | 1004.3 | 1023.8 | 1057.6 | 1058.9 | 1092.8 |
| 20°    | 908.0  | 918.4  | 923.6  | 928.9  | 932.8  | 949.7  | 966.6  | 988.7  | 1016.0 | 1030.3 | 1048.5 |
| 22.5°  | 885.9  | 891.1  | 895.0  | 898.9  | 904.1  | 913.2  | 934.1  | 958.8  | 977.0  | 992.6  | 1004.3 |
| 25°    | 859.9  | 865.1  | 870.3  | 872.9  | 876.8  | 882.0  | 897.6  | 917.1  | 943.2  | 953.6  | 965.3  |
| 27.5°  | 841.7  | 841.7  | 844.3  | 844.3  | 849.5  | 854.7  | 866.4  | 884.6  | 905.4  | 918.4  | 934.1  |
| 30°    | 822.2  | 820.9  | 822.2  | 820.9  | 819.6  | 827.4  | 837.8  | 853.4  | 867.7  | 883.3  | 893.7  |
| 32.5°  | 802.7  | 801.4  | 801.4  | 802.7  | 797.5  | 801.4  | 806.6  | 820.9  | 836.5  | 844.3  | 856.0  |
| 35°    | 781.8  | 779.2  | 779.2  | 779.2  | 776.6  | 774.0  | 779.2  | 792.3  | 802.7  | 813.1  | 822.2  |
| 37.5°  | 761.0  | 757.1  | 757.1  | 754.5  | 751.9  | 748.0  | 748.0  | 758.4  | 772.7  | 776.6  | 788.4  |
| 40°    | 732.4  | 732.4  | 729.8  | 728.5  | 725.9  | 723.3  | 719.4  | 728.5  | 741.5  | 745.4  | 754.5  |
| 42.5°  | 703.8  | 699.9  | 698.6  | 698.6  | 698.6  | 694.7  | 692.1  | 698.6  | 706.4  | 712.9  | 718.1  |
| 45°    | 671.3  | 668.7  | 670.0  | 668.7  | 666.1  | 664.8  | 663.5  | 666.1  | 675.2  | 677.8  | 684.3  |
| 47.5°  | 636.1  | 634.8  | 634.8  | 633.5  | 632.2  | 633.5  | 628.3  | 634.8  | 637.4  | 640.0  | 645.3  |
| 50°    | 599.7  | 598.4  | 597.1  | 595.8  | 595.8  | 597.1  | 595.8  | 595.8  | 601.0  | 603.6  | 608.8  |
| 52.5°  | 563.3  | 559.4  | 559.4  | 558.1  | 558.1  | 555.5  | 558.1  | 559.4  | 562.0  | 564.6  | 567.2  |
| 55°    | 524.3  | 524.3  | 520.4  | 520.4  | 517.8  | 517.8  | 519.1  | 517.8  | 523.0  | 525.6  | 525.6  |
| 57.5°  | 486.5  | 481.3  | 482.6  | 480.0  | 477.4  | 476.1  | 476.1  | 478.7  | 481.3  | 481.3  | 483.9  |
| 60°    | 446.2  | 441.0  | 439.7  | 434.5  | 437.1  | 433.2  | 434.5  | 434.5  | 439.7  | 437.1  | 439.7  |
| 62.5°  | 405.9  | 399.4  | 395.5  | 392.9  | 392.9  | 394.2  | 391.6  | 390.3  | 392.9  | 395.5  | 400.7  |
| 65°    | 363.0  | 359.1  | 355.1  | 351.2  | 351.2  | 349.9  | 352.5  | 348.6  | 347.3  | 348.6  | 351.2  |
| 67.5°  | 318.7  | 314.8  | 310.9  | 307.0  | 308.3  | 304.4  | 301.8  | 305.7  | 303.1  | 304.4  | 307.0  |
| 70°    | 275.8  | 273.2  | 265.4  | 262.8  | 261.5  | 262.8  | 261.5  | 258.9  | 262.8  | 261.5  | 262.8  |
| 72.5°  | 232.9  | 230.3  | 226.4  | 219.9  | 219.9  | 218.6  | 217.3  | 217.3  | 216.0  | 216.0  | 216.0  |
| 75°    | 191.2  | 186.0  | 182.1  | 180.8  | 178.2  | 176.9  | 175.6  | 173.0  | 174.3  | 175.6  | 173.0  |
| 77.5°  | 148.3  | 141.8  | 140.5  | 140.5  | 136.6  | 136.6  | 137.9  | 136.6  | 135.3  | 135.3  | 135.3  |
| 80°    | 109.3  | 104.1  | 104.1  | 101.5  | 98.9   | 98.9   | 98.9   | 98.9   | 97.6   | 96.3   | 97.6   |
| 82.5°  | 70.2   | 68.9   | 67.6   | 67.6   | 70.2   | 65.0   | 67.6   | 66.3   | 65.0   | 65.0   | 63.7   |
| 85°    | 39.0   | 40.3   | 39.0   | 40.3   | 37.7   | 39.0   | 39.0   | 39.0   | 37.7   | 39.0   | 36.4   |
| 87.5°  | 14.3   | 14.3   | 14.3   | 15.6   | 15.6   | 15.6   | 15.6   | 15.6   | 16.9   | 15.6   | 15.6   |
| 90°    | 20.3   | 19.6   | 18.9   | 18.3   | 17.6   | 15.5   | 13.4   | 11.3   | 9.2    | 8.1    | 7.3    |
| 92.5°  | 23.6   | 22.5   | 21.4   | 20.2   | 19.1   | 17.6   | 16.2   | 14.7   | 13.2   | 12.5   | 13.0   |
| 95°    | 27.3   | 26.2   | 25.1   | 23.9   | 22.8   | 21.0   | 19.2   | 17.4   | 15.6   | 14.7   | 18.0   |
| 97.5°  | 28.7   | 27.4   | 26.1   | 24.8   | 23.5   | 31.8   | 40.1   | 48.4   | 56.7   | 60.9   | 63.2   |
| 100°   | 29.4   | 28.1   | 26.8   | 25.5   | 24.2   | 49.7   | 75.1   | 100.6  | 126.1  | 138.8  | 137.2  |
| 102.5° | 32.8   | 38.2   | 43.5   | 48.9   | 54.3   | 82.7   | 111.1  | 139.5  | 167.9  | 182.1  | 181.0  |
| 105°   | 45.2   | 74.1   | 103.0  | 131.9  | 160.8  | 175.5  | 190.2  | 204.9  | 219.6  | 226.9  | 226.0  |
| 107.5° | 185.2  | 210.3  | 235.4  | 260.5  | 285.6  | 283.2  | 280.7  | 278.3  | 275.8  | 274.6  | 273.9  |
| 110°   | 309.6  | 315.0  | 320.4  | 325.8  | 331.2  | 329.4  | 327.6  | 325.8  | 324.0  | 323.1  | 322.4  |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 383.3 | 381.8 | 380.3 | 378.9 | 377.4 | 375.6 | 373.8 | 372.0 | 370.2 | 369.3  | 368.7 |
| 115°   | 428.0 | 426.4 | 424.7 | 423.1 | 421.5 | 420.0 | 418.6 | 417.1 | 415.6 | 414.9  | 414.4 |
| 117.5° | 470.0 | 468.7 | 467.4 | 466.1 | 464.8 | 464.0 | 463.2 | 462.3 | 461.5 | 461.1  | 460.5 |
| 120°   | 511.9 | 510.6 | 509.3 | 508.0 | 506.7 | 506.2 | 505.7 | 505.2 | 504.7 | 504.4  | 503.7 |
| 122.5° | 551.8 | 551.0 | 550.1 | 549.3 | 548.5 | 547.9 | 547.2 | 546.6 | 545.9 | 545.6  | 545.0 |
| 125°   | 588.7 | 588.4 | 588.1 | 587.7 | 587.4 | 586.8 | 586.1 | 585.5 | 584.8 | 584.5  | 583.8 |
| 127.5° | 628.3 | 627.8 | 627.3 | 626.8 | 626.3 | 625.5 | 624.7 | 623.9 | 623.1 | 622.7  | 622.0 |
| 130°   | 663.5 | 662.8 | 662.1 | 661.5 | 660.8 | 660.2 | 659.5 | 658.9 | 658.2 | 657.9  | 657.2 |
| 132.5° | 696.5 | 695.8 | 695.2 | 694.5 | 693.9 | 693.4 | 692.9 | 692.4 | 691.9 | 691.7  | 691.0 |
| 135°   | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 727.0 | 726.4 | 725.7 | 725.0 | 724.7  | 724.2 |
| 137.5° | 760.3 | 759.5 | 758.6 | 757.8 | 757.0 | 756.7 | 756.4 | 756.1 | 755.8 | 755.6  | 754.9 |
| 140°   | 788.3 | 787.6 | 787.0 | 786.3 | 785.7 | 785.2 | 784.7 | 784.2 | 783.7 | 783.5  | 783.0 |
| 142.5° | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 812.3 | 811.8 | 811.3 | 810.8 | 810.6  | 810.1 |
| 145°   | 839.1 | 838.8 | 838.5 | 838.1 | 837.8 | 837.5 | 837.1 | 836.8 | 836.5 | 836.3  | 835.7 |
| 147.5° | 861.8 | 861.5 | 861.2 | 860.9 | 860.6 | 860.3 | 859.9 | 859.6 | 859.3 | 859.1  | 858.7 |
| 150°   | 882.4 | 882.1 | 881.8 | 881.4 | 881.1 | 880.8 | 880.5 | 880.2 | 879.9 | 879.7  | 879.5 |
| 152.5° | 901.4 | 900.7 | 900.1 | 899.4 | 898.8 | 898.6 | 898.4 | 898.3 | 898.1 | 898.0  | 897.9 |
| 155°   | 918.2 | 917.4 | 916.5 | 915.7 | 914.9 | 914.7 | 914.6 | 914.4 | 914.3 | 914.2  | 914.4 |
| 157.5° | 933.5 | 932.5 | 931.6 | 930.6 | 929.6 | 929.8 | 929.9 | 930.1 | 930.2 | 930.3  | 930.3 |
| 160°   | 946.0 | 945.0 | 944.1 | 943.1 | 942.1 | 942.3 | 942.4 | 942.6 | 942.7 | 942.8  | 942.9 |
| 162.5° | 957.6 | 956.5 | 955.4 | 954.2 | 953.1 | 953.3 | 953.4 | 953.6 | 953.7 | 953.8  | 954.0 |
| 165°   | 967.8 | 966.5 | 965.2 | 963.9 | 962.6 | 962.8 | 963.0 | 963.1 | 963.3 | 963.4  | 963.6 |
| 167.5° | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7  | 971.0 |
| 170°   | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3  | 977.6 |
| 172.5° | 986.9 | 985.6 | 984.3 | 983.0 | 981.7 | 981.5 | 981.4 | 981.2 | 981.1 | 981.0  | 981.4 |
| 175°   | 989.9 | 988.8 | 987.7 | 986.5 | 985.4 | 985.2 | 985.1 | 984.9 | 984.8 | 984.7  | 985.1 |
| 177.5° | 992.1 | 990.8 | 989.5 | 988.2 | 986.9 | 986.7 | 986.5 | 986.4 | 986.2 | 986.1  | 986.5 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3  | 988.3 |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1342.5 | 1342.5 | 1342.5 | 1342.5 |
| 2.5°   | 1313.9 | 1317.8 | 1330.8 | 1346.4 |
| 5°     | 1287.9 | 1298.3 | 1316.5 | 1341.2 |
| 7.5°   | 1259.3 | 1274.9 | 1300.9 | 1332.1 |
| 10°    | 1226.8 | 1248.9 | 1281.4 | 1320.4 |
| 12.5°  | 1191.6 | 1220.3 | 1261.9 | 1302.2 |
| 15°    | 1169.5 | 1198.1 | 1235.9 | 1280.1 |
| 17.5°  | 1126.6 | 1160.4 | 1199.4 | 1261.9 |
| 20°    | 1082.4 | 1120.1 | 1170.8 | 1233.3 |
| 22.5°  | 1048.5 | 1088.9 | 1137.0 | 1203.3 |
| 25°    | 1008.2 | 1049.8 | 1101.9 | 1170.8 |
| 27.5°  | 965.3  | 1006.9 | 1065.4 | 1138.3 |
| 30°    | 932.8  | 973.1  | 1029.0 | 1107.1 |
| 32.5°  | 893.7  | 932.8  | 991.3  | 1073.3 |
| 35°    | 849.5  | 893.7  | 949.7  | 1032.9 |
| 37.5°  | 815.7  | 856.0  | 914.5  | 993.9  |
| 40°    | 779.2  | 814.4  | 871.6  | 949.7  |
| 42.5°  | 740.2  | 779.2  | 828.7  | 906.7  |
| 45°    | 703.8  | 732.4  | 783.1  | 857.3  |
| 47.5°  | 664.8  | 697.3  | 736.3  | 793.6  |
| 50°    | 623.1  | 650.5  | 693.4  | 732.4  |
| 52.5°  | 582.8  | 604.9  | 641.3  | 671.3  |
| 55°    | 539.9  | 562.0  | 589.3  | 607.5  |
| 57.5°  | 499.5  | 515.2  | 533.4  | 545.1  |
| 60°    | 450.1  | 465.7  | 477.4  | 489.1  |
| 62.5°  | 405.9  | 417.6  | 424.1  | 430.6  |
| 65°    | 360.4  | 366.9  | 370.8  | 376.0  |
| 67.5°  | 310.9  | 317.4  | 318.7  | 326.5  |
| 70°    | 265.4  | 266.7  | 269.3  | 273.2  |
| 72.5°  | 222.5  | 225.1  | 223.8  | 226.4  |
| 75°    | 178.2  | 180.8  | 178.2  | 180.8  |
| 77.5°  | 135.3  | 137.9  | 137.9  | 141.8  |
| 80°    | 97.6   | 98.9   | 100.2  | 100.2  |
| 82.5°  | 63.7   | 67.6   | 65.0   | 66.3   |
| 85°    | 36.4   | 37.7   | 37.7   | 39.0   |
| 87.5°  | 16.9   | 18.2   | 16.9   | 19.5   |
| 90°    | 5.6    | 4.0    | 2.3    | 0.7    |
| 92.5°  | 14.0   | 14.9   | 15.9   | 16.9   |
| 95°    | 24.7   | 31.4   | 38.1   | 44.8   |
| 97.5°  | 67.8   | 72.3   | 76.9   | 81.5   |
| 100°   | 133.9  | 130.6  | 127.4  | 124.1  |
| 102.5° | 178.9  | 176.8  | 174.7  | 172.6  |
| 105°   | 224.2  | 222.4  | 220.6  | 218.8  |
| 107.5° | 272.4  | 270.9  | 269.5  | 268.0  |
| 110°   | 321.1  | 319.8  | 318.5  | 317.2  |

TEST NUMBER: P1011229

CATALOG NUMBER: S123DIP-B1000D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 367.6 | 366.5 | 365.3 | 364.2 |
| 115°   | 413.4 | 412.5 | 411.5 | 410.5 |
| 117.5° | 459.4 | 458.3 | 457.1 | 456.0 |
| 120°   | 502.2 | 500.7 | 499.3 | 497.8 |
| 122.5° | 543.9 | 542.7 | 541.6 | 540.4 |
| 125°   | 582.5 | 581.2 | 579.9 | 578.6 |
| 127.5° | 620.7 | 619.4 | 618.1 | 616.8 |
| 130°   | 655.9 | 654.6 | 653.3 | 652.0 |
| 132.5° | 689.7 | 688.4 | 687.1 | 685.8 |
| 135°   | 723.2 | 722.3 | 721.3 | 720.3 |
| 137.5° | 753.6 | 752.3 | 751.0 | 749.7 |
| 140°   | 782.0 | 781.1 | 780.1 | 779.1 |
| 142.5° | 809.1 | 808.2 | 807.2 | 806.2 |
| 145°   | 834.6 | 833.5 | 832.3 | 831.2 |
| 147.5° | 857.9 | 857.0 | 856.2 | 855.4 |
| 150°   | 879.0 | 878.5 | 878.0 | 877.5 |
| 152.5° | 897.8 | 897.6 | 897.5 | 897.3 |
| 155°   | 914.7 | 915.0 | 915.3 | 915.6 |
| 157.5° | 930.3 | 930.3 | 930.3 | 930.3 |
| 160°   | 943.0 | 943.2 | 943.3 | 943.5 |
| 162.5° | 954.5 | 955.0 | 955.5 | 956.0 |
| 165°   | 964.1 | 964.6 | 965.1 | 965.6 |
| 167.5° | 971.7 | 972.4 | 973.0 | 973.7 |
| 170°   | 978.3 | 979.0 | 979.6 | 980.3 |
| 172.5° | 982.2 | 983.1 | 983.9 | 984.7 |
| 175°   | 985.9 | 986.7 | 987.5 | 988.3 |
| 177.5° | 987.3 | 988.2 | 989.0 | 989.8 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 |

(END OF REPORT)