

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: P1011303

Luminaire Tested: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1011303  
REPORT IS A COMBINATION OF REPORTS P989414 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4  
Description: Define 3 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

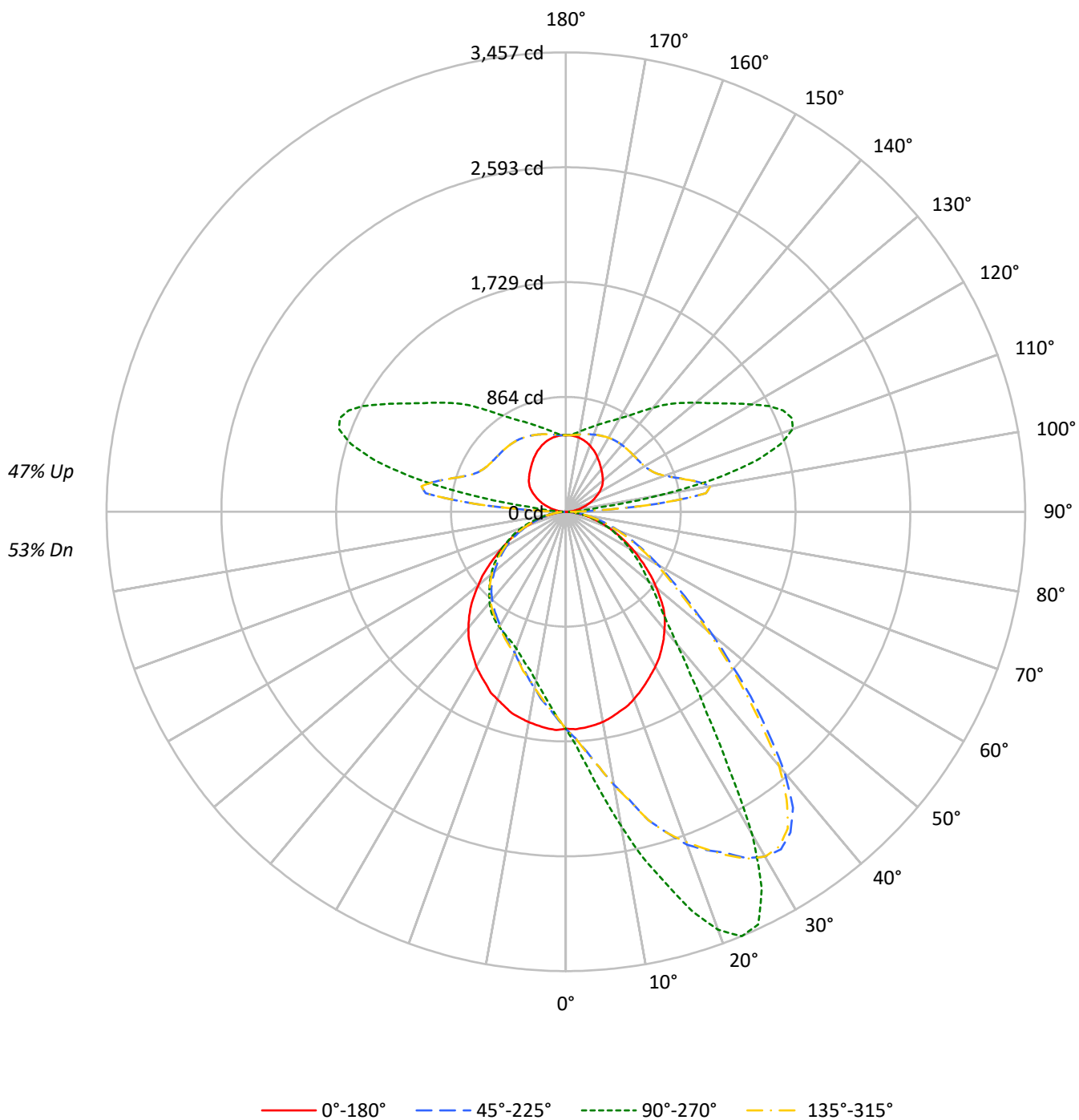
Lumens per Lamp: N/A  
Luminaire Lumens: 9264.0 lumens  
Efficiency: N/A  
Efficacy: 96.2 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 96.3  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



TEST NUMBER: P1011303

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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   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 59 | 59 | 59 |
| 1   | 99  | 95  | 91  | 87  | 91  | 88  | 85  | 82  | 75 | 73 | 71 | 63 | 62 | 60 | 53 | 52 | 51 |
| 2   | 90  | 83  | 77  | 72  | 83  | 77  | 72  | 67  | 66 | 62 | 59 | 56 | 53 | 51 | 47 | 45 | 43 |
| 3   | 82  | 73  | 66  | 60  | 76  | 68  | 62  | 57  | 59 | 54 | 50 | 50 | 46 | 43 | 42 | 39 | 37 |
| 4   | 76  | 65  | 57  | 51  | 70  | 60  | 54  | 48  | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 |
| 5   | 69  | 58  | 50  | 44  | 64  | 54  | 47  | 42  | 47 | 41 | 37 | 40 | 36 | 32 | 34 | 31 | 28 |
| 6   | 64  | 52  | 44  | 38  | 59  | 49  | 41  | 36  | 42 | 37 | 32 | 36 | 32 | 28 | 31 | 27 | 25 |
| 7   | 59  | 47  | 39  | 34  | 55  | 44  | 37  | 32  | 38 | 33 | 28 | 33 | 29 | 25 | 28 | 25 | 22 |
| 8   | 55  | 43  | 35  | 30  | 51  | 40  | 33  | 28  | 35 | 29 | 25 | 30 | 26 | 22 | 26 | 22 | 20 |
| 9   | 51  | 39  | 32  | 26  | 47  | 37  | 30  | 25  | 32 | 27 | 23 | 28 | 23 | 20 | 24 | 20 | 18 |
| 10  | 48  | 36  | 29  | 24  | 44  | 34  | 27  | 23  | 30 | 24 | 20 | 26 | 21 | 18 | 22 | 19 | 16 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 17575 | 17575 | 17575 | 17575 |
| 5°  | 17587 | 20250 | 17637 | 15114 |
| 10° | 17475 | 24505 | 17493 | 13197 |
| 15° | 17233 | 29061 | 17374 | 11880 |
| 20° | 17026 | 33460 | 17061 | 10932 |
| 25° | 16716 | 34302 | 16754 | 10436 |
| 30° | 16496 | 28340 | 16496 | 10112 |
| 35° | 16223 | 18954 | 16121 | 9826  |
| 40° | 15896 | 13682 | 15699 | 9387  |
| 45° | 15484 | 10838 | 15038 | 8842  |
| 50° | 14485 | 9203  | 13970 | 8306  |
| 55° | 13388 | 8088  | 12843 | 7710  |
| 60° | 12275 | 7043  | 11621 | 7082  |
| 65° | 11052 | 6029  | 10518 | 6247  |
| 70° | 9786  | 5005  | 9132  | 5266  |
| 75° | 8365  | 3774  | 7825  | 4066  |
| 80° | 6612  | 2520  | 6097  | 2670  |
| 85° | 4563  | 1157  | 3650  | 1053  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 28344 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 160.6  | 1.7       |
| 10°-20°   | 515.8  | 5.6       |
| 20°-30°   | 867.8  | 9.4       |
| 30°-40°   | 980.7  | 10.6      |
| 40°-50°   | 878.4  | 9.5       |
| 50°-60°   | 709.1  | 7.7       |
| 60°-70°   | 494.1  | 5.3       |
| 70°-80°   | 259.3  | 2.8       |
| 80°-90°   | 65.4   | 0.7       |
| 90°-100°  | 312.6  | 3.4       |
| 100°-110° | 915.1  | 9.9       |
| 110°-120° | 893.6  | 9.6       |
| 120°-130° | 711.7  | 7.7       |
| 130°-140° | 561.5  | 6.1       |
| 140°-150° | 418.9  | 4.5       |
| 150°-160° | 292.1  | 3.2       |
| 160°-170° | 171.6  | 1.9       |
| 170°-180° | 55.8   | 0.6       |
| 0°-30°    | 1544.2 | 16.7      |
| 0°-40°    | 2524.9 | 27.3      |
| 0°-60°    | 4112.4 | 44.4      |
| 0°-90°    | 4931.2 | 53.2      |
| 90°-120°  | 2121.3 | 22.9      |
| 90°-150°  | 3813.4 | 41.2      |
| 90°-180°  | 4333.0 | 46.8      |
| 0°-180°   | 9264.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1633 | 1633 | 1633 | 1633 | 1633 |      |
| 5°   | 1631 | 1940 | 1636 | 1448 | 1631 | 155  |
| 15°  | 1557 | 2887 | 1570 | 1180 | 1557 | 440  |
| 25°  | 1424 | 3427 | 1427 | 1043 | 1424 | 657  |
| 35°  | 1256 | 1846 | 1248 | 957  | 1256 | 786  |
| 45°  | 1043 | 997  | 1013 | 813  | 1043 | 797  |
| 55°  | 739  | 677  | 709  | 646  | 739  | 662  |
| 65°  | 457  | 440  | 435  | 456  | 457  | 455  |
| 75°  | 220  | 226  | 206  | 244  | 220  | 236  |
| 85°  | 48   | 52   | 38   | 48   | 48   | 55   |
| 90°  | 2    | 34   | 2    | 34   | 2    | 6    |
| 95°  | 40   | 135  | 40   | 135  | 40   | 42   |
| 105° | 135  | 1483 | 135  | 1483 | 135  | 144  |
| 115° | 239  | 1804 | 239  | 1804 | 239  | 237  |
| 125° | 332  | 1422 | 332  | 1422 | 332  | 295  |
| 135° | 389  | 1153 | 389  | 1153 | 389  | 301  |
| 145° | 444  | 901  | 444  | 901  | 444  | 278  |
| 155° | 505  | 747  | 505  | 747  | 505  | 232  |
| 165° | 552  | 652  | 552  | 652  | 552  | 155  |
| 175° | 575  | 586  | 575  | 586  | 575  | 55   |
| 180° | 576  | 576  | 576  | 576  | 576  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1637.5 | 1650.2 | 1656.5 | 1666.0 | 1675.5 | 1689.7 | 1694.5 | 1702.4 | 1699.2 | 1705.6 | 1708.7 |
| 5°     | 1631.2 | 1653.4 | 1672.3 | 1696.1 | 1718.2 | 1734.0 | 1749.9 | 1775.2 | 1794.2 | 1797.3 | 1811.6 |
| 7.5°   | 1620.1 | 1651.8 | 1685.0 | 1718.2 | 1760.9 | 1786.3 | 1814.7 | 1849.5 | 1878.0 | 1923.9 | 1941.3 |
| 10°    | 1605.9 | 1650.2 | 1697.7 | 1743.5 | 1802.1 | 1841.6 | 1876.4 | 1935.0 | 1993.5 | 2041.0 | 2085.3 |
| 12.5°  | 1583.7 | 1639.1 | 1700.8 | 1768.8 | 1844.8 | 1890.7 | 1938.1 | 2015.7 | 2104.3 | 2177.0 | 2224.5 |
| 15°    | 1556.8 | 1626.5 | 1705.6 | 1778.3 | 1862.2 | 1947.6 | 1998.3 | 2085.3 | 2211.9 | 2279.9 | 2401.7 |
| 17.5°  | 1534.7 | 1605.9 | 1685.0 | 1798.9 | 1912.8 | 1998.3 | 2034.6 | 2194.4 | 2281.5 | 2395.4 | 2533.0 |
| 20°    | 1499.9 | 1590.1 | 1691.3 | 1805.2 | 1952.4 | 2004.6 | 2078.9 | 2240.3 | 2347.9 | 2496.6 | 2665.9 |
| 22.5°  | 1463.5 | 1560.0 | 1681.8 | 1800.5 | 1965.0 | 2020.4 | 2121.7 | 2249.8 | 2420.7 | 2567.8 | 2754.5 |
| 25°    | 1423.9 | 1528.4 | 1651.8 | 1792.6 | 1954.0 | 2034.6 | 2129.6 | 2287.8 | 2472.9 | 2658.0 | 2830.5 |
| 27.5°  | 1384.4 | 1498.3 | 1626.5 | 1767.3 | 1923.9 | 2018.8 | 2113.8 | 2278.3 | 2515.6 | 2716.6 | 2936.5 |
| 30°    | 1346.4 | 1460.3 | 1588.5 | 1732.5 | 1897.0 | 1988.8 | 2078.9 | 2284.6 | 2548.8 | 2775.1 | 2996.6 |
| 32.5°  | 1305.3 | 1422.4 | 1556.8 | 1677.1 | 1843.2 | 1941.3 | 2042.6 | 2284.6 | 2569.4 | 2809.9 | 3012.4 |
| 35°    | 1256.2 | 1376.5 | 1492.0 | 1612.2 | 1776.8 | 1885.9 | 1999.8 | 2268.8 | 2588.4 | 2821.0 | 2946.0 |
| 37.5°  | 1208.8 | 1314.8 | 1414.4 | 1531.5 | 1704.0 | 1821.1 | 1952.4 | 2249.8 | 2578.9 | 2773.5 | 2808.3 |
| 40°    | 1155.0 | 1261.0 | 1341.7 | 1450.8 | 1632.8 | 1768.8 | 1901.7 | 2224.5 | 2537.8 | 2661.2 | 2559.9 |
| 42.5°  | 1102.8 | 1186.6 | 1256.2 | 1362.2 | 1560.0 | 1692.9 | 1836.9 | 2178.6 | 2457.1 | 2482.4 | 2254.6 |
| 45°    | 1042.6 | 1102.8 | 1164.5 | 1284.7 | 1480.9 | 1617.0 | 1776.8 | 2112.2 | 2327.3 | 2254.6 | 1966.6 |
| 47.5°  | 965.1  | 1018.9 | 1086.9 | 1197.7 | 1397.0 | 1537.9 | 1689.7 | 2026.7 | 2139.1 | 1987.2 | 1672.3 |
| 50°    | 890.8  | 936.6  | 999.9  | 1107.5 | 1308.4 | 1446.1 | 1607.5 | 1892.3 | 1947.6 | 1708.7 | 1441.3 |
| 52.5°  | 816.4  | 851.2  | 912.9  | 1020.5 | 1221.4 | 1354.3 | 1501.5 | 1754.6 | 1723.0 | 1466.7 | 1229.3 |
| 55°    | 738.9  | 768.9  | 827.5  | 933.5  | 1120.2 | 1246.7 | 1387.5 | 1585.3 | 1503.0 | 1259.4 | 1069.5 |
| 57.5°  | 662.9  | 694.6  | 754.7  | 843.3  | 1018.9 | 1142.3 | 1254.6 | 1409.7 | 1286.3 | 1091.7 | 924.0  |
| 60°    | 594.9  | 621.8  | 667.7  | 754.7  | 914.5  | 1014.2 | 1117.0 | 1223.0 | 1120.2 | 931.9  | 803.7  |
| 62.5°  | 523.7  | 549.0  | 591.7  | 670.8  | 808.5  | 897.1  | 979.4  | 1066.4 | 952.5  | 814.8  | 700.9  |
| 65°    | 457.2  | 477.8  | 517.4  | 590.1  | 702.5  | 775.3  | 841.7  | 901.8  | 810.1  | 683.5  | 598.1  |
| 67.5°  | 397.1  | 414.5  | 447.7  | 512.6  | 607.5  | 659.8  | 713.6  | 764.2  | 686.7  | 585.4  | 512.6  |
| 70°    | 332.3  | 346.5  | 376.6  | 424.0  | 500.0  | 553.8  | 593.3  | 631.3  | 561.7  | 481.0  | 431.9  |
| 72.5°  | 275.3  | 289.5  | 308.5  | 357.6  | 409.8  | 443.0  | 485.7  | 506.3  | 466.7  | 400.3  | 351.2  |
| 75°    | 219.9  | 231.0  | 248.4  | 280.0  | 329.1  | 351.2  | 378.1  | 394.0  | 357.6  | 313.3  | 283.2  |
| 77.5°  | 172.5  | 177.2  | 189.9  | 212.0  | 245.2  | 270.5  | 291.1  | 300.6  | 275.3  | 246.8  | 221.5  |
| 80°    | 121.8  | 128.2  | 137.6  | 156.6  | 181.9  | 189.9  | 202.5  | 213.6  | 197.8  | 172.5  | 156.6  |
| 82.5°  | 80.7   | 88.6   | 93.3   | 101.3  | 117.1  | 126.6  | 129.7  | 139.2  | 125.0  | 115.5  | 109.2  |
| 85°    | 47.5   | 50.6   | 52.2   | 57.0   | 64.9   | 69.6   | 74.4   | 75.9   | 72.8   | 71.2   | 64.9   |
| 87.5°  | 23.7   | 23.7   | 23.7   | 26.9   | 28.5   | 31.6   | 33.2   | 33.2   | 33.2   | 31.6   | 30.1   |
| 90°    | 2.3    | 4.7    | 7.0    | 10.5   | 12.8   | 14.0   | 15.2   | 18.7   | 22.2   | 25.7   | 29.2   |
| 92.5°  | 17.5   | 25.7   | 37.3   | 47.8   | 59.5   | 70.0   | 80.5   | 117.8  | 179.6  | 240.2  | 216.9  |
| 95°    | 39.6   | 43.1   | 56.0   | 75.8   | 106.1  | 128.8  | 151.6  | 250.7  | 424.4  | 615.7  | 691.4  |
| 97.5°  | 63.0   | 64.1   | 74.6   | 92.1   | 122.4  | 147.5  | 172.6  | 270.5  | 472.2  | 794.1  | 1063.4 |
| 100°   | 86.3   | 87.5   | 95.6   | 111.9  | 139.9  | 162.6  | 185.4  | 267.0  | 439.6  | 746.2  | 1104.2 |
| 102.5° | 110.8  | 113.1  | 120.1  | 135.3  | 159.7  | 180.1  | 200.6  | 271.7  | 411.6  | 676.3  | 1028.4 |
| 105°   | 135.3  | 138.8  | 145.8  | 159.7  | 181.9  | 200.0  | 218.0  | 281.0  | 401.1  | 621.5  | 937.5  |
| 107.5° | 160.9  | 164.4  | 171.4  | 185.4  | 206.4  | 223.3  | 240.2  | 296.2  | 398.8  | 581.8  | 857.0  |
| 110°   | 188.9  | 192.4  | 198.2  | 211.0  | 230.9  | 247.2  | 263.5  | 316.0  | 404.6  | 560.9  | 790.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.5 | 218.0 | 223.9 | 236.7 | 256.5 | 272.2 | 288.0 | 335.8 | 416.3 | 549.2 | 746.2 |
| 115°   | 239.0 | 243.7 | 250.7 | 262.4 | 282.2 | 298.0 | 313.7 | 358.0 | 429.1 | 548.0 | 717.1 |
| 117.5° | 263.5 | 269.3 | 275.2 | 285.7 | 307.8 | 322.4 | 337.0 | 381.3 | 445.4 | 549.2 | 697.3 |
| 120°   | 289.2 | 292.7 | 298.5 | 310.2 | 332.3 | 346.9 | 361.5 | 403.4 | 464.1 | 553.9 | 684.4 |
| 122.5° | 311.3 | 314.8 | 320.7 | 333.5 | 354.5 | 370.2 | 386.0 | 426.8 | 481.6 | 562.0 | 676.3 |
| 125°   | 332.3 | 334.6 | 341.6 | 354.5 | 376.6 | 392.4 | 408.1 | 448.9 | 500.2 | 570.2 | 669.3 |
| 127.5° | 348.6 | 352.1 | 360.3 | 373.1 | 397.6 | 413.4 | 429.1 | 468.7 | 515.4 | 579.5 | 665.8 |
| 130°   | 363.8 | 367.3 | 377.8 | 391.8 | 416.3 | 432.0 | 447.7 | 486.2 | 530.5 | 588.8 | 662.3 |
| 132.5° | 375.5 | 380.1 | 391.8 | 409.3 | 433.8 | 449.0 | 464.1 | 501.4 | 544.5 | 595.8 | 661.1 |
| 135°   | 389.4 | 394.1 | 406.9 | 424.4 | 448.9 | 464.6 | 480.4 | 516.5 | 556.2 | 602.8 | 660.0 |
| 137.5° | 402.3 | 406.9 | 419.8 | 438.4 | 462.9 | 477.5 | 492.1 | 527.0 | 565.5 | 607.5 | 657.6 |
| 140°   | 415.1 | 420.9 | 432.6 | 451.2 | 474.6 | 489.2 | 503.7 | 537.5 | 572.5 | 612.2 | 656.5 |
| 142.5° | 429.1 | 433.8 | 446.6 | 462.9 | 486.2 | 499.6 | 513.0 | 545.7 | 579.5 | 615.7 | 654.1 |
| 145°   | 444.3 | 447.7 | 458.2 | 475.7 | 495.6 | 509.0 | 522.4 | 552.7 | 584.2 | 616.8 | 651.8 |
| 147.5° | 459.4 | 461.7 | 472.2 | 487.4 | 507.2 | 518.8 | 530.5 | 558.5 | 587.7 | 616.8 | 648.3 |
| 150°   | 474.6 | 475.7 | 485.1 | 500.2 | 516.5 | 527.0 | 537.5 | 564.4 | 588.8 | 616.8 | 643.6 |
| 152.5° | 489.7 | 489.7 | 499.1 | 511.9 | 525.9 | 535.8 | 545.7 | 567.8 | 591.2 | 613.3 | 637.8 |
| 155°   | 504.9 | 504.9 | 511.9 | 523.5 | 536.4 | 544.6 | 552.7 | 572.5 | 591.2 | 611.0 | 630.8 |
| 157.5° | 516.5 | 517.7 | 523.5 | 534.0 | 545.7 | 552.1 | 558.5 | 574.8 | 592.3 | 607.5 | 625.0 |
| 160°   | 530.5 | 530.5 | 535.2 | 544.5 | 552.7 | 558.6 | 564.4 | 578.3 | 592.3 | 605.2 | 618.0 |
| 162.5° | 541.0 | 541.0 | 544.5 | 551.5 | 558.5 | 563.2 | 567.8 | 579.5 | 591.2 | 600.5 | 611.0 |
| 165°   | 551.5 | 550.4 | 552.7 | 558.5 | 563.2 | 567.2 | 571.3 | 580.7 | 588.8 | 595.8 | 604.0 |
| 167.5° | 559.7 | 558.5 | 559.7 | 564.4 | 567.8 | 570.8 | 573.7 | 580.7 | 587.7 | 591.2 | 597.0 |
| 170°   | 566.7 | 564.4 | 565.5 | 569.0 | 571.3 | 572.5 | 573.7 | 579.5 | 584.2 | 586.5 | 590.0 |
| 172.5° | 571.3 | 570.2 | 570.2 | 572.5 | 573.7 | 574.2 | 574.8 | 579.5 | 583.0 | 583.0 | 584.2 |
| 175°   | 574.8 | 573.7 | 572.5 | 574.8 | 574.8 | 575.4 | 576.0 | 578.3 | 580.7 | 579.5 | 579.5 |
| 177.5° | 577.2 | 576.0 | 574.8 | 576.0 | 576.0 | 576.0 | 576.0 | 577.2 | 579.5 | 577.2 | 576.0 |
| 180°   | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1719.8 | 1723.0 | 1734.0 | 1742.0 | 1757.8 | 1756.2 | 1756.2 | 1754.6 | 1749.9 | 1757.8 | 1762.5 |
| 5°     | 1840.0 | 1866.9 | 1870.1 | 1904.9 | 1906.5 | 1920.7 | 1930.2 | 1922.3 | 1941.3 | 1939.7 | 1925.5 |
| 7.5°   | 1988.8 | 2025.2 | 2042.6 | 2075.8 | 2113.8 | 2104.3 | 2140.7 | 2147.0 | 2143.8 | 2159.6 | 2170.7 |
| 10°    | 2151.7 | 2215.0 | 2259.3 | 2321.0 | 2336.8 | 2346.3 | 2370.1 | 2390.6 | 2431.8 | 2400.1 | 2420.7 |
| 12.5°  | 2338.4 | 2384.3 | 2442.8 | 2540.9 | 2590.0 | 2621.6 | 2632.7 | 2646.9 | 2675.4 | 2658.0 | 2659.6 |
| 15°    | 2495.1 | 2556.8 | 2656.4 | 2778.3 | 2792.5 | 2832.1 | 2822.6 | 2908.0 | 2949.1 | 2887.4 | 2922.2 |
| 17.5°  | 2658.0 | 2740.3 | 2859.0 | 2965.0 | 3025.1 | 3052.0 | 3077.3 | 3159.6 | 3156.4 | 3146.9 | 3154.8 |
| 20°    | 2762.4 | 2896.9 | 3044.1 | 3184.9 | 3202.3 | 3222.8 | 3290.9 | 3325.7 | 3319.4 | 3346.3 | 3363.7 |
| 22.5°  | 2909.6 | 3052.0 | 3208.6 | 3302.0 | 3341.5 | 3365.2 | 3419.0 | 3441.2 | 3450.7 | 3457.0 | 3445.9 |
| 25°    | 3033.0 | 3184.9 | 3300.4 | 3382.6 | 3406.4 | 3419.0 | 3436.4 | 3442.8 | 3438.0 | 3426.9 | 3436.4 |
| 27.5°  | 3116.8 | 3238.7 | 3317.8 | 3355.7 | 3343.1 | 3322.5 | 3289.3 | 3267.1 | 3218.1 | 3194.4 | 3222.8 |
| 30°    | 3151.7 | 3205.4 | 3229.2 | 3165.9 | 3102.6 | 3052.0 | 2988.7 | 2871.6 | 2779.8 | 2806.7 | 2770.4 |
| 32.5°  | 3096.3 | 3061.5 | 2947.6 | 2784.6 | 2735.5 | 2653.3 | 2474.5 | 2336.8 | 2341.6 | 2268.8 | 2298.9 |
| 35°    | 2933.3 | 2775.1 | 2559.9 | 2313.1 | 2248.2 | 2203.9 | 2007.8 | 1977.7 | 1914.4 | 1846.4 | 1865.4 |
| 37.5°  | 2645.4 | 2414.4 | 2153.3 | 1971.4 | 1874.9 | 1778.3 | 1667.6 | 1601.1 | 1563.2 | 1534.7 | 1556.8 |
| 40°    | 2294.1 | 2012.5 | 1797.3 | 1634.4 | 1552.1 | 1490.4 | 1414.4 | 1348.0 | 1305.3 | 1300.5 | 1308.4 |
| 42.5°  | 1949.2 | 1711.9 | 1514.1 | 1359.1 | 1332.2 | 1259.4 | 1210.3 | 1158.1 | 1145.5 | 1124.9 | 1136.0 |
| 45°    | 1650.2 | 1457.2 | 1294.2 | 1167.6 | 1136.0 | 1117.0 | 1056.9 | 1023.7 | 1009.4 | 996.8  | 1015.7 |
| 47.5°  | 1433.4 | 1230.9 | 1112.3 | 1036.3 | 1004.7 | 973.0  | 939.8  | 917.6  | 906.6  | 908.2  | 906.6  |
| 50°    | 1224.6 | 1075.9 | 971.4  | 912.9  | 893.9  | 871.8  | 844.9  | 830.6  | 825.9  | 811.6  | 822.7  |
| 52.5°  | 1053.7 | 946.1  | 873.3  | 818.0  | 803.7  | 787.9  | 765.8  | 757.9  | 746.8  | 743.6  | 743.6  |
| 55°    | 916.1  | 832.2  | 773.7  | 737.3  | 719.9  | 707.2  | 694.6  | 685.1  | 677.2  | 677.2  | 677.2  |
| 57.5°  | 808.5  | 735.7  | 693.0  | 661.3  | 655.0  | 642.4  | 628.1  | 628.1  | 617.0  | 615.5  | 620.2  |
| 60°    | 716.7  | 651.8  | 618.6  | 591.7  | 582.2  | 579.1  | 564.8  | 564.8  | 561.7  | 553.8  | 560.1  |
| 62.5°  | 623.4  | 575.9  | 547.4  | 526.9  | 517.4  | 517.4  | 506.3  | 498.4  | 498.4  | 500.0  | 496.8  |
| 65°    | 537.9  | 503.1  | 477.8  | 462.0  | 457.2  | 450.9  | 449.3  | 443.0  | 438.3  | 439.8  | 438.3  |
| 67.5°  | 462.0  | 435.1  | 417.7  | 405.0  | 397.1  | 394.0  | 389.2  | 389.2  | 386.0  | 387.6  | 379.7  |
| 70°    | 394.0  | 367.1  | 352.8  | 340.2  | 337.0  | 337.0  | 330.7  | 332.3  | 329.1  | 333.8  | 330.7  |
| 72.5°  | 324.3  | 303.8  | 292.7  | 288.0  | 284.8  | 283.2  | 280.0  | 276.9  | 275.3  | 278.5  | 276.9  |
| 75°    | 262.6  | 245.2  | 237.3  | 234.2  | 231.0  | 231.0  | 229.4  | 227.8  | 226.2  | 226.2  | 226.2  |
| 77.5°  | 204.1  | 193.0  | 183.5  | 186.7  | 181.9  | 183.5  | 178.8  | 178.8  | 180.4  | 178.8  | 178.8  |
| 80°    | 150.3  | 142.4  | 142.4  | 139.2  | 132.9  | 136.1  | 136.1  | 131.3  | 129.7  | 132.9  | 128.2  |
| 82.5°  | 99.7   | 98.1   | 94.9   | 93.3   | 90.2   | 91.8   | 90.2   | 88.6   | 87.0   | 90.2   | 87.0   |
| 85°    | 58.5   | 58.5   | 57.0   | 53.8   | 57.0   | 55.4   | 53.8   | 53.8   | 52.2   | 52.2   | 52.2   |
| 87.5°  | 30.1   | 26.9   | 26.9   | 25.3   | 26.9   | 23.7   | 25.3   | 23.7   | 22.2   | 23.7   | 22.2   |
| 90°    | 28.0   | 29.2   | 30.3   | 31.5   | 32.6   | 33.8   | 32.6   | 33.8   | 35.0   | 33.8   | 35.0   |
| 92.5°  | 162.1  | 115.4  | 89.8   | 78.1   | 74.0   | 70.0   | 67.6   | 63.0   | 64.1   | 61.8   | 64.1   |
| 95°    | 560.9  | 419.8  | 284.5  | 222.7  | 201.7  | 180.7  | 158.6  | 148.1  | 139.9  | 135.3  | 139.9  |
| 97.5°  | 1099.6 | 964.3  | 727.6  | 573.7  | 507.2  | 440.8  | 362.6  | 318.3  | 290.3  | 277.5  | 290.3  |
| 100°   | 1333.9 | 1374.7 | 1280.3 | 1143.9 | 1061.1 | 978.3  | 860.5  | 775.4  | 729.9  | 731.1  | 729.9  |
| 102.5° | 1345.6 | 1511.2 | 1531.0 | 1465.7 | 1420.8 | 1375.9 | 1290.8 | 1227.8 | 1191.7 | 1157.9 | 1191.7 |
| 105°   | 1272.1 | 1515.8 | 1632.4 | 1654.6 | 1639.4 | 1624.3 | 1570.6 | 1526.3 | 1489.0 | 1483.2 | 1489.0 |
| 107.5° | 1167.2 | 1445.9 | 1628.9 | 1719.9 | 1735.6 | 1751.4 | 1744.4 | 1723.4 | 1708.2 | 1695.4 | 1708.2 |
| 110°   | 1069.2 | 1336.3 | 1550.8 | 1697.7 | 1738.5 | 1779.3 | 1812.0 | 1821.3 | 1819.0 | 1816.6 | 1819.0 |

TEST NUMBER: P1011303

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 984.1 | 1227.8 | 1448.2 | 1617.3 | 1672.6 | 1728.0 | 1794.5 | 1828.3 | 1840.0 | 1841.1 | 1840.0 |
| 115°   | 918.8 | 1134.5 | 1337.4 | 1508.8 | 1572.4 | 1635.9 | 1723.4 | 1774.7 | 1798.0 | 1803.8 | 1798.0 |
| 117.5° | 875.7 | 1062.2 | 1241.8 | 1399.2 | 1465.1 | 1531.0 | 1621.9 | 1679.1 | 1714.0 | 1722.2 | 1714.0 |
| 120°   | 843.0 | 1007.4 | 1164.8 | 1304.8 | 1363.6 | 1422.5 | 1514.7 | 1579.9 | 1607.9 | 1614.9 | 1607.9 |
| 122.5° | 816.2 | 964.3  | 1103.0 | 1230.1 | 1283.8 | 1337.4 | 1416.7 | 1473.8 | 1505.3 | 1514.7 | 1505.3 |
| 125°   | 794.1 | 927.0  | 1054.1 | 1166.0 | 1212.6 | 1259.3 | 1333.9 | 1385.2 | 1414.4 | 1422.5 | 1414.4 |
| 127.5° | 773.1 | 893.2  | 1008.6 | 1111.2 | 1154.4 | 1197.5 | 1265.1 | 1309.4 | 1336.3 | 1343.2 | 1336.3 |
| 130°   | 756.7 | 861.7  | 966.6  | 1061.1 | 1100.8 | 1140.4 | 1202.2 | 1244.1 | 1268.6 | 1278.0 | 1268.6 |
| 132.5° | 741.6 | 832.5  | 927.0  | 1013.3 | 1050.6 | 1087.9 | 1145.0 | 1187.0 | 1208.0 | 1213.8 | 1208.0 |
| 135°   | 728.8 | 806.9  | 889.7  | 965.5  | 998.7  | 1031.9 | 1089.1 | 1124.0 | 1145.0 | 1153.2 | 1145.0 |
| 137.5° | 717.1 | 782.4  | 852.4  | 920.0  | 949.8  | 979.5  | 1028.4 | 1064.6 | 1082.1 | 1089.1 | 1082.1 |
| 140°   | 706.6 | 761.4  | 820.9  | 876.8  | 901.9  | 927.0  | 971.3  | 1003.9 | 1022.6 | 1021.4 | 1022.6 |
| 142.5° | 697.3 | 741.6  | 790.6  | 837.2  | 858.2  | 879.2  | 915.3  | 943.3  | 959.6  | 958.5  | 959.6  |
| 145°   | 689.1 | 726.4  | 764.9  | 802.2  | 819.1  | 836.0  | 865.2  | 889.7  | 899.0  | 901.3  | 899.0  |
| 147.5° | 681.0 | 713.6  | 745.1  | 776.6  | 788.8  | 801.1  | 824.4  | 841.9  | 851.2  | 852.4  | 851.2  |
| 150°   | 672.8 | 699.6  | 726.4  | 750.9  | 762.0  | 773.1  | 790.6  | 803.4  | 810.4  | 810.4  | 810.4  |
| 152.5° | 663.5 | 686.8  | 708.9  | 729.9  | 738.6  | 747.4  | 760.2  | 771.9  | 775.4  | 775.4  | 775.4  |
| 155°   | 654.1 | 674.0  | 692.6  | 710.1  | 717.1  | 724.1  | 734.6  | 743.9  | 746.2  | 747.4  | 746.2  |
| 157.5° | 643.6 | 660.0  | 676.3  | 690.3  | 696.1  | 701.9  | 711.3  | 718.3  | 720.6  | 720.6  | 720.6  |
| 160°   | 633.1 | 648.3  | 661.1  | 672.8  | 676.9  | 681.0  | 689.1  | 696.1  | 696.1  | 694.9  | 696.1  |
| 162.5° | 622.7 | 634.3  | 644.8  | 655.3  | 658.8  | 662.3  | 667.0  | 672.8  | 672.8  | 671.6  | 672.8  |
| 165°   | 613.3 | 622.7  | 629.6  | 637.8  | 640.7  | 643.6  | 648.3  | 653.0  | 651.8  | 651.8  | 651.8  |
| 167.5° | 604.0 | 612.2  | 618.0  | 622.7  | 625.0  | 627.3  | 629.6  | 633.1  | 632.0  | 632.0  | 632.0  |
| 170°   | 595.8 | 601.7  | 605.2  | 609.8  | 611.0  | 612.2  | 613.3  | 615.7  | 614.5  | 614.5  | 614.5  |
| 172.5° | 587.7 | 592.3  | 594.7  | 598.2  | 598.8  | 599.3  | 599.3  | 601.7  | 599.3  | 598.2  | 599.3  |
| 175°   | 581.8 | 584.2  | 585.3  | 587.7  | 587.7  | 587.7  | 587.7  | 588.8  | 587.7  | 586.5  | 587.7  |
| 177.5° | 577.2 | 578.3  | 579.5  | 580.7  | 580.7  | 580.7  | 579.5  | 580.7  | 578.3  | 578.3  | 578.3  |
| 180°   | 576.0 | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1749.9 | 1754.6 | 1742.0 | 1738.8 | 1738.8 | 1745.1 | 1740.4 | 1697.7 | 1705.6 | 1696.1 | 1692.9 |
| 5°     | 1942.9 | 1933.4 | 1920.7 | 1914.4 | 1906.5 | 1884.3 | 1882.8 | 1833.7 | 1824.2 | 1792.6 | 1778.3 |
| 7.5°   | 2154.9 | 2147.0 | 2109.0 | 2104.3 | 2101.1 | 2080.5 | 2028.3 | 1976.1 | 1938.1 | 1901.7 | 1866.9 |
| 10°    | 2397.0 | 2373.2 | 2355.8 | 2321.0 | 2303.6 | 2275.1 | 2207.1 | 2158.1 | 2093.2 | 2037.8 | 1965.0 |
| 12.5°  | 2688.1 | 2661.2 | 2602.6 | 2577.3 | 2555.2 | 2476.1 | 2408.0 | 2352.7 | 2226.1 | 2188.1 | 2097.9 |
| 15°    | 2901.7 | 2844.7 | 2838.4 | 2783.0 | 2779.8 | 2692.8 | 2563.1 | 2503.0 | 2404.9 | 2265.6 | 2172.3 |
| 17.5°  | 3132.7 | 3082.0 | 3042.5 | 2976.0 | 2966.5 | 2884.3 | 2789.3 | 2642.2 | 2534.6 | 2401.7 | 2283.0 |
| 20°    | 3302.0 | 3275.1 | 3207.0 | 3180.1 | 3124.8 | 3055.1 | 2957.0 | 2775.1 | 2643.8 | 2510.9 | 2365.3 |
| 22.5°  | 3436.4 | 3409.5 | 3355.7 | 3319.4 | 3287.7 | 3197.5 | 3080.5 | 2925.4 | 2745.0 | 2571.0 | 2420.7 |
| 25°    | 3434.9 | 3426.9 | 3404.8 | 3387.4 | 3363.7 | 3297.2 | 3199.1 | 3050.4 | 2849.5 | 2658.0 | 2449.2 |
| 27.5°  | 3240.3 | 3262.4 | 3300.4 | 3319.4 | 3314.6 | 3305.1 | 3249.7 | 3124.8 | 2944.4 | 2716.6 | 2482.4 |
| 30°    | 2835.2 | 2915.9 | 2987.1 | 3082.0 | 3110.5 | 3180.1 | 3211.8 | 3140.6 | 2996.6 | 2784.6 | 2525.1 |
| 32.5°  | 2351.1 | 2468.2 | 2623.2 | 2675.4 | 2765.6 | 2900.1 | 3050.4 | 3077.3 | 2987.1 | 2824.1 | 2552.0 |
| 35°    | 1928.6 | 2025.2 | 2145.4 | 2227.7 | 2308.4 | 2526.7 | 2716.6 | 2881.1 | 2911.2 | 2803.6 | 2545.7 |
| 37.5°  | 1596.4 | 1664.4 | 1770.4 | 1840.0 | 1914.4 | 2101.1 | 2366.9 | 2580.5 | 2730.8 | 2734.0 | 2528.3 |
| 40°    | 1355.9 | 1386.0 | 1477.7 | 1528.4 | 1599.6 | 1760.9 | 1998.3 | 2276.7 | 2496.6 | 2597.9 | 2482.4 |
| 42.5°  | 1148.6 | 1188.2 | 1264.1 | 1302.1 | 1348.0 | 1488.8 | 1645.4 | 1909.7 | 2181.8 | 2398.5 | 2397.0 |
| 45°    | 1025.2 | 1053.7 | 1088.5 | 1120.2 | 1172.4 | 1256.2 | 1435.0 | 1632.8 | 1893.8 | 2139.1 | 2235.6 |
| 47.5°  | 916.1  | 943.0  | 977.8  | 987.3  | 1022.1 | 1101.2 | 1210.3 | 1382.8 | 1626.5 | 1870.1 | 2052.1 |
| 50°    | 824.3  | 846.5  | 870.2  | 887.6  | 903.4  | 968.3  | 1050.6 | 1196.1 | 1390.7 | 1626.5 | 1852.7 |
| 52.5°  | 753.1  | 768.9  | 789.5  | 799.0  | 813.2  | 860.7  | 924.0  | 1031.6 | 1191.4 | 1406.5 | 1626.5 |
| 55°    | 686.7  | 697.7  | 710.4  | 726.2  | 732.5  | 767.3  | 816.4  | 908.2  | 1026.8 | 1219.8 | 1428.7 |
| 57.5°  | 625.0  | 629.7  | 637.6  | 647.1  | 655.0  | 685.1  | 727.8  | 789.5  | 893.9  | 1042.6 | 1240.4 |
| 60°    | 555.3  | 568.0  | 572.7  | 582.2  | 587.0  | 610.7  | 643.9  | 696.1  | 776.8  | 905.0  | 1053.7 |
| 62.5°  | 496.8  | 504.7  | 512.6  | 517.4  | 528.4  | 536.4  | 563.2  | 610.7  | 677.2  | 772.1  | 906.6  |
| 65°    | 444.6  | 447.7  | 452.5  | 457.2  | 460.4  | 469.9  | 495.2  | 526.9  | 577.5  | 661.3  | 765.8  |
| 67.5°  | 384.5  | 387.6  | 394.0  | 395.5  | 398.7  | 411.4  | 425.6  | 452.5  | 495.2  | 558.5  | 643.9  |
| 70°    | 325.9  | 330.7  | 333.8  | 337.0  | 341.7  | 346.5  | 362.3  | 384.5  | 417.7  | 462.0  | 528.4  |
| 72.5°  | 275.3  | 280.0  | 280.0  | 283.2  | 281.6  | 288.0  | 303.8  | 319.6  | 341.7  | 378.1  | 436.7  |
| 75°    | 224.7  | 224.7  | 227.8  | 229.4  | 231.0  | 237.3  | 243.7  | 256.3  | 273.7  | 302.2  | 338.6  |
| 77.5°  | 177.2  | 175.6  | 178.8  | 178.8  | 178.8  | 183.5  | 189.9  | 196.2  | 207.3  | 227.8  | 256.3  |
| 80°    | 129.7  | 129.7  | 132.9  | 134.5  | 131.3  | 132.9  | 136.1  | 142.4  | 150.3  | 164.5  | 180.4  |
| 82.5°  | 85.4   | 91.8   | 90.2   | 91.8   | 90.2   | 93.3   | 94.9   | 96.5   | 99.7   | 106.0  | 117.1  |
| 85°    | 52.2   | 52.2   | 52.2   | 53.8   | 52.2   | 53.8   | 53.8   | 53.8   | 55.4   | 58.5   | 63.3   |
| 87.5°  | 22.2   | 22.2   | 22.2   | 23.7   | 22.2   | 22.2   | 23.7   | 22.2   | 23.7   | 23.7   | 25.3   |
| 90°    | 33.8   | 32.6   | 33.8   | 32.6   | 31.5   | 30.3   | 29.2   | 28.0   | 29.2   | 25.7   | 22.2   |
| 92.5°  | 63.0   | 67.6   | 70.0   | 74.0   | 78.1   | 89.8   | 115.4  | 162.1  | 216.9  | 240.2  | 179.6  |
| 95°    | 148.1  | 158.6  | 180.7  | 201.7  | 222.7  | 284.5  | 419.8  | 560.9  | 691.4  | 615.7  | 424.4  |
| 97.5°  | 318.3  | 362.6  | 440.8  | 507.2  | 573.7  | 727.6  | 964.3  | 1099.6 | 1063.4 | 794.1  | 472.2  |
| 100°   | 775.4  | 860.5  | 978.3  | 1061.1 | 1143.9 | 1280.3 | 1374.7 | 1333.9 | 1104.2 | 746.2  | 439.6  |
| 102.5° | 1227.8 | 1290.8 | 1375.9 | 1420.8 | 1465.7 | 1531.0 | 1511.2 | 1345.6 | 1028.4 | 676.3  | 411.6  |
| 105°   | 1526.3 | 1570.6 | 1624.3 | 1639.4 | 1654.6 | 1632.4 | 1515.8 | 1272.1 | 937.5  | 621.5  | 401.1  |
| 107.5° | 1723.4 | 1744.4 | 1751.4 | 1735.6 | 1719.9 | 1628.9 | 1445.9 | 1167.2 | 857.0  | 581.8  | 398.8  |
| 110°   | 1821.3 | 1812.0 | 1779.3 | 1738.5 | 1697.7 | 1550.8 | 1336.3 | 1069.2 | 790.6  | 560.9  | 404.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1828.3 | 1794.5 | 1728.0 | 1672.6 | 1617.3 | 1448.2 | 1227.8 | 984.1 | 746.2 | 549.2 | 416.3 |
| 115°   | 1774.7 | 1723.4 | 1635.9 | 1572.4 | 1508.8 | 1337.4 | 1134.5 | 918.8 | 717.1 | 548.0 | 429.1 |
| 117.5° | 1679.1 | 1621.9 | 1531.0 | 1465.1 | 1399.2 | 1241.8 | 1062.2 | 875.7 | 697.3 | 549.2 | 445.4 |
| 120°   | 1579.9 | 1514.7 | 1422.5 | 1363.6 | 1304.8 | 1164.8 | 1007.4 | 843.0 | 684.4 | 553.9 | 464.1 |
| 122.5° | 1473.8 | 1416.7 | 1337.4 | 1283.8 | 1230.1 | 1103.0 | 964.3  | 816.2 | 676.3 | 562.0 | 481.6 |
| 125°   | 1385.2 | 1333.9 | 1259.3 | 1212.6 | 1166.0 | 1054.1 | 927.0  | 794.1 | 669.3 | 570.2 | 500.2 |
| 127.5° | 1309.4 | 1265.1 | 1197.5 | 1154.4 | 1111.2 | 1008.6 | 893.2  | 773.1 | 665.8 | 579.5 | 515.4 |
| 130°   | 1244.1 | 1202.2 | 1140.4 | 1100.8 | 1061.1 | 966.6  | 861.7  | 756.7 | 662.3 | 588.8 | 530.5 |
| 132.5° | 1187.0 | 1145.0 | 1087.9 | 1050.6 | 1013.3 | 927.0  | 832.5  | 741.6 | 661.1 | 595.8 | 544.5 |
| 135°   | 1124.0 | 1089.1 | 1031.9 | 998.7  | 965.5  | 889.7  | 806.9  | 728.8 | 660.0 | 602.8 | 556.2 |
| 137.5° | 1064.6 | 1028.4 | 979.5  | 949.8  | 920.0  | 852.4  | 782.4  | 717.1 | 657.6 | 607.5 | 565.5 |
| 140°   | 1003.9 | 971.3  | 927.0  | 901.9  | 876.8  | 820.9  | 761.4  | 706.6 | 656.5 | 612.2 | 572.5 |
| 142.5° | 943.3  | 915.3  | 879.2  | 858.2  | 837.2  | 790.6  | 741.6  | 697.3 | 654.1 | 615.7 | 579.5 |
| 145°   | 889.7  | 865.2  | 836.0  | 819.1  | 802.2  | 764.9  | 726.4  | 689.1 | 651.8 | 616.8 | 584.2 |
| 147.5° | 841.9  | 824.4  | 801.1  | 788.8  | 776.6  | 745.1  | 713.6  | 681.0 | 648.3 | 616.8 | 587.7 |
| 150°   | 803.4  | 790.6  | 773.1  | 762.0  | 750.9  | 726.4  | 699.6  | 672.8 | 643.6 | 616.8 | 588.8 |
| 152.5° | 771.9  | 760.2  | 747.4  | 738.6  | 729.9  | 708.9  | 686.8  | 663.5 | 637.8 | 613.3 | 591.2 |
| 155°   | 743.9  | 734.6  | 724.1  | 717.1  | 710.1  | 692.6  | 674.0  | 654.1 | 630.8 | 611.0 | 591.2 |
| 157.5° | 718.3  | 711.3  | 701.9  | 696.1  | 690.3  | 676.3  | 660.0  | 643.6 | 625.0 | 607.5 | 592.3 |
| 160°   | 696.1  | 689.1  | 681.0  | 676.9  | 672.8  | 661.1  | 648.3  | 633.1 | 618.0 | 605.2 | 592.3 |
| 162.5° | 672.8  | 667.0  | 662.3  | 658.8  | 655.3  | 644.8  | 634.3  | 622.7 | 611.0 | 600.5 | 591.2 |
| 165°   | 653.0  | 648.3  | 643.6  | 640.7  | 637.8  | 629.6  | 622.7  | 613.3 | 604.0 | 595.8 | 588.8 |
| 167.5° | 633.1  | 629.6  | 627.3  | 625.0  | 622.7  | 618.0  | 612.2  | 604.0 | 597.0 | 591.2 | 587.7 |
| 170°   | 615.7  | 613.3  | 612.2  | 611.0  | 609.8  | 605.2  | 601.7  | 595.8 | 590.0 | 586.5 | 584.2 |
| 172.5° | 601.7  | 599.3  | 599.3  | 598.8  | 598.2  | 594.7  | 592.3  | 587.7 | 584.2 | 583.0 | 583.0 |
| 175°   | 588.8  | 587.7  | 587.7  | 587.7  | 587.7  | 585.3  | 584.2  | 581.8 | 579.5 | 579.5 | 580.7 |
| 177.5° | 580.7  | 579.5  | 580.7  | 580.7  | 580.7  | 579.5  | 578.3  | 577.2 | 576.0 | 577.2 | 579.5 |
| 180°   | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0 | 576.0 | 576.0 | 576.0 |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1677.1 | 1672.3 | 1672.3 | 1669.2 | 1659.7 | 1642.3 | 1640.7 | 1643.9 | 1634.4 | 1624.9 | 1610.6 |
| 5°     | 1759.4 | 1729.3 | 1719.8 | 1710.3 | 1691.3 | 1659.7 | 1647.0 | 1635.9 | 1618.5 | 1598.0 | 1575.8 |
| 7.5°   | 1829.0 | 1786.3 | 1773.6 | 1756.2 | 1718.2 | 1673.9 | 1645.4 | 1621.7 | 1598.0 | 1569.5 | 1542.6 |
| 10°    | 1916.0 | 1854.3 | 1824.2 | 1798.9 | 1746.7 | 1685.0 | 1642.3 | 1607.5 | 1569.5 | 1534.7 | 1499.9 |
| 12.5°  | 2014.1 | 1914.4 | 1904.9 | 1843.2 | 1783.1 | 1691.3 | 1639.1 | 1588.5 | 1537.9 | 1495.1 | 1458.7 |
| 15°    | 2096.4 | 1987.2 | 1947.6 | 1906.5 | 1791.0 | 1677.1 | 1626.5 | 1569.5 | 1511.0 | 1465.1 | 1411.3 |
| 17.5°  | 2148.6 | 2058.4 | 1974.5 | 1919.2 | 1798.9 | 1697.7 | 1599.6 | 1534.7 | 1473.0 | 1409.7 | 1365.4 |
| 20°    | 2211.9 | 2080.5 | 2007.8 | 1933.4 | 1814.7 | 1681.8 | 1583.7 | 1503.0 | 1427.1 | 1370.1 | 1316.4 |
| 22.5°  | 2275.1 | 2097.9 | 2037.8 | 1957.1 | 1817.9 | 1666.0 | 1555.3 | 1474.6 | 1387.5 | 1330.6 | 1272.1 |
| 25°    | 2268.8 | 2123.3 | 2023.6 | 1955.5 | 1786.3 | 1651.8 | 1522.0 | 1427.1 | 1346.4 | 1273.6 | 1215.1 |
| 27.5°  | 2273.6 | 2094.8 | 1993.5 | 1914.4 | 1764.1 | 1631.2 | 1487.2 | 1387.5 | 1303.7 | 1227.8 | 1166.0 |
| 30°    | 2275.1 | 2052.1 | 1963.5 | 1868.5 | 1723.0 | 1582.2 | 1447.7 | 1346.4 | 1257.8 | 1175.5 | 1120.2 |
| 32.5°  | 2270.4 | 2017.2 | 1906.5 | 1821.1 | 1658.1 | 1534.7 | 1401.8 | 1294.2 | 1204.0 | 1128.1 | 1075.9 |
| 35°    | 2259.3 | 1976.1 | 1848.0 | 1740.4 | 1591.6 | 1466.7 | 1359.1 | 1248.3 | 1151.8 | 1082.2 | 1022.1 |
| 37.5°  | 2229.3 | 1931.8 | 1786.3 | 1680.2 | 1514.1 | 1387.5 | 1292.6 | 1200.9 | 1107.5 | 1025.2 | 974.6  |
| 40°    | 2207.1 | 1871.7 | 1724.5 | 1609.1 | 1430.3 | 1306.9 | 1227.8 | 1140.7 | 1049.0 | 974.6  | 925.6  |
| 42.5°  | 2156.5 | 1814.7 | 1661.3 | 1523.6 | 1348.0 | 1221.4 | 1147.1 | 1077.4 | 998.3  | 925.6  | 881.3  |
| 45°    | 2074.2 | 1753.0 | 1583.7 | 1444.5 | 1257.8 | 1137.6 | 1069.5 | 1012.6 | 943.0  | 873.3  | 829.0  |
| 47.5°  | 1958.7 | 1664.4 | 1501.5 | 1362.2 | 1169.2 | 1047.4 | 979.4  | 936.6  | 881.3  | 822.7  | 784.7  |
| 50°    | 1833.7 | 1567.9 | 1417.6 | 1280.0 | 1083.8 | 965.1  | 898.7  | 859.1  | 822.7  | 768.9  | 732.5  |
| 52.5°  | 1670.8 | 1465.1 | 1321.1 | 1189.8 | 992.0  | 878.1  | 819.6  | 791.1  | 753.1  | 715.1  | 683.5  |
| 55°    | 1512.5 | 1332.2 | 1213.5 | 1088.5 | 901.8  | 795.8  | 738.9  | 708.8  | 686.7  | 655.0  | 629.7  |
| 57.5°  | 1329.0 | 1208.8 | 1099.6 | 985.7  | 818.0  | 721.5  | 667.7  | 631.3  | 617.0  | 602.8  | 579.1  |
| 60°    | 1159.7 | 1068.0 | 979.4  | 884.4  | 731.0  | 643.9  | 591.7  | 563.2  | 549.0  | 539.5  | 523.7  |
| 62.5°  | 1004.7 | 933.5  | 857.5  | 781.6  | 642.4  | 563.2  | 523.7  | 495.2  | 482.6  | 481.0  | 466.7  |
| 65°    | 855.9  | 805.3  | 743.6  | 669.3  | 560.1  | 490.5  | 452.5  | 435.1  | 420.9  | 420.9  | 409.8  |
| 67.5°  | 707.2  | 672.4  | 623.4  | 571.2  | 485.7  | 420.9  | 386.0  | 370.2  | 362.3  | 362.3  | 354.4  |
| 70°    | 588.6  | 564.8  | 520.5  | 474.6  | 400.3  | 351.2  | 324.3  | 310.1  | 305.4  | 306.9  | 300.6  |
| 72.5°  | 477.8  | 452.5  | 416.1  | 382.9  | 327.5  | 291.1  | 272.1  | 256.3  | 248.4  | 250.0  | 248.4  |
| 75°    | 370.2  | 357.6  | 325.9  | 300.6  | 256.3  | 231.0  | 213.6  | 205.7  | 199.4  | 200.9  | 197.8  |
| 77.5°  | 278.5  | 259.5  | 242.1  | 224.7  | 197.8  | 177.2  | 163.0  | 155.1  | 150.3  | 150.3  | 150.3  |
| 80°    | 189.9  | 186.7  | 172.5  | 163.0  | 140.8  | 125.0  | 113.9  | 112.3  | 107.6  | 107.6  | 107.6  |
| 82.5°  | 123.4  | 115.5  | 107.6  | 101.3  | 88.6   | 79.1   | 74.4   | 71.2   | 69.6   | 68.0   | 71.2   |
| 85°    | 68.0   | 63.3   | 60.1   | 53.8   | 49.0   | 44.3   | 39.6   | 38.0   | 36.4   | 38.0   | 36.4   |
| 87.5°  | 26.9   | 22.2   | 22.2   | 20.6   | 19.0   | 17.4   | 17.4   | 14.2   | 14.2   | 12.7   | 12.7   |
| 90°    | 18.7   | 15.2   | 14.0   | 12.8   | 10.5   | 7.0    | 4.7    | 2.3    | 4.7    | 7.0    | 10.5   |
| 92.5°  | 117.8  | 80.5   | 70.0   | 59.5   | 47.8   | 37.3   | 25.7   | 17.5   | 25.7   | 37.3   | 47.8   |
| 95°    | 250.7  | 151.6  | 128.8  | 106.1  | 75.8   | 56.0   | 43.1   | 39.6   | 43.1   | 56.0   | 75.8   |
| 97.5°  | 270.5  | 172.6  | 147.5  | 122.4  | 92.1   | 74.6   | 64.1   | 63.0   | 64.1   | 74.6   | 92.1   |
| 100°   | 267.0  | 185.4  | 162.6  | 139.9  | 111.9  | 95.6   | 87.5   | 86.3   | 87.5   | 95.6   | 111.9  |
| 102.5° | 271.7  | 200.6  | 180.1  | 159.7  | 135.3  | 120.1  | 113.1  | 110.8  | 113.1  | 120.1  | 135.3  |
| 105°   | 281.0  | 218.0  | 200.0  | 181.9  | 159.7  | 145.8  | 138.8  | 135.3  | 138.8  | 145.8  | 159.7  |
| 107.5° | 296.2  | 240.2  | 223.3  | 206.4  | 185.4  | 171.4  | 164.4  | 160.9  | 164.4  | 171.4  | 185.4  |
| 110°   | 316.0  | 263.5  | 247.2  | 230.9  | 211.0  | 198.2  | 192.4  | 188.9  | 192.4  | 198.2  | 211.0  |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 335.8 | 288.0 | 272.2  | 256.5 | 236.7 | 223.9 | 218.0 | 214.5 | 218.0 | 223.9 | 236.7 |
| 115°   | 358.0 | 313.7 | 298.0  | 282.2 | 262.4 | 250.7 | 243.7 | 239.0 | 243.7 | 250.7 | 262.4 |
| 117.5° | 381.3 | 337.0 | 322.4  | 307.8 | 285.7 | 275.2 | 269.3 | 263.5 | 269.3 | 275.2 | 285.7 |
| 120°   | 403.4 | 361.5 | 346.9  | 332.3 | 310.2 | 298.5 | 292.7 | 289.2 | 292.7 | 298.5 | 310.2 |
| 122.5° | 426.8 | 386.0 | 370.2  | 354.5 | 333.5 | 320.7 | 314.8 | 311.3 | 314.8 | 320.7 | 333.5 |
| 125°   | 448.9 | 408.1 | 392.4  | 376.6 | 354.5 | 341.6 | 334.6 | 332.3 | 334.6 | 341.6 | 354.5 |
| 127.5° | 468.7 | 429.1 | 413.4  | 397.6 | 373.1 | 360.3 | 352.1 | 348.6 | 352.1 | 360.3 | 373.1 |
| 130°   | 486.2 | 447.7 | 432.0  | 416.3 | 391.8 | 377.8 | 367.3 | 363.8 | 367.3 | 377.8 | 391.8 |
| 132.5° | 501.4 | 464.1 | 449.0  | 433.8 | 409.3 | 391.8 | 380.1 | 375.5 | 380.1 | 391.8 | 409.3 |
| 135°   | 516.5 | 480.4 | 464.6  | 448.9 | 424.4 | 406.9 | 394.1 | 389.4 | 394.1 | 406.9 | 424.4 |
| 137.5° | 527.0 | 492.1 | 477.5  | 462.9 | 438.4 | 419.8 | 406.9 | 402.3 | 406.9 | 419.8 | 438.4 |
| 140°   | 537.5 | 503.7 | 489.2  | 474.6 | 451.2 | 432.6 | 420.9 | 415.1 | 420.9 | 432.6 | 451.2 |
| 142.5° | 545.7 | 513.0 | 499.6  | 486.2 | 462.9 | 446.6 | 433.8 | 429.1 | 433.8 | 446.6 | 462.9 |
| 145°   | 552.7 | 522.4 | 509.0  | 495.6 | 475.7 | 458.2 | 447.7 | 444.3 | 447.7 | 458.2 | 475.7 |
| 147.5° | 558.5 | 530.5 | 518.8  | 507.2 | 487.4 | 472.2 | 461.7 | 459.4 | 461.7 | 472.2 | 487.4 |
| 150°   | 564.4 | 537.5 | 527.0  | 516.5 | 500.2 | 485.1 | 475.7 | 474.6 | 475.7 | 485.1 | 500.2 |
| 152.5° | 567.8 | 545.7 | 535.8  | 525.9 | 511.9 | 499.1 | 489.7 | 489.7 | 489.7 | 499.1 | 511.9 |
| 155°   | 572.5 | 552.7 | 544.6  | 536.4 | 523.5 | 511.9 | 504.9 | 504.9 | 504.9 | 511.9 | 523.5 |
| 157.5° | 574.8 | 558.5 | 552.1  | 545.7 | 534.0 | 523.5 | 517.7 | 516.5 | 517.7 | 523.5 | 534.0 |
| 160°   | 578.3 | 564.4 | 558.6  | 552.7 | 544.5 | 535.2 | 530.5 | 530.5 | 530.5 | 535.2 | 544.5 |
| 162.5° | 579.5 | 567.8 | 563.2  | 558.5 | 551.5 | 544.5 | 541.0 | 541.0 | 541.0 | 544.5 | 551.5 |
| 165°   | 580.7 | 571.3 | 567.2  | 563.2 | 558.5 | 552.7 | 550.4 | 551.5 | 550.4 | 552.7 | 558.5 |
| 167.5° | 580.7 | 573.7 | 570.8  | 567.8 | 564.4 | 559.7 | 558.5 | 559.7 | 558.5 | 559.7 | 564.4 |
| 170°   | 579.5 | 573.7 | 572.5  | 571.3 | 569.0 | 565.5 | 564.4 | 566.7 | 564.4 | 565.5 | 569.0 |
| 172.5° | 579.5 | 574.8 | 574.2  | 573.7 | 572.5 | 570.2 | 570.2 | 571.3 | 570.2 | 570.2 | 572.5 |
| 175°   | 578.3 | 576.0 | 575.4  | 574.8 | 574.8 | 572.5 | 573.7 | 574.8 | 573.7 | 572.5 | 574.8 |
| 177.5° | 577.2 | 576.0 | 576.0  | 576.0 | 576.0 | 574.8 | 576.0 | 577.2 | 576.0 | 574.8 | 576.0 |
| 180°   | 576.0 | 576.0 | 576.0  | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1607.5 | 1605.9 | 1609.1 | 1599.6 | 1583.7 | 1575.8 | 1553.7 | 1548.9 | 1547.3 | 1548.9 | 1550.5 |
| 5°     | 1563.2 | 1561.6 | 1556.8 | 1541.0 | 1522.0 | 1507.8 | 1480.9 | 1479.3 | 1469.8 | 1460.3 | 1465.1 |
| 7.5°   | 1520.4 | 1514.1 | 1504.6 | 1484.1 | 1458.7 | 1442.9 | 1420.8 | 1405.0 | 1392.3 | 1384.4 | 1378.1 |
| 10°    | 1477.7 | 1468.2 | 1458.7 | 1431.8 | 1400.2 | 1376.5 | 1349.6 | 1336.9 | 1322.7 | 1316.4 | 1310.0 |
| 12.5°  | 1422.4 | 1412.9 | 1395.5 | 1363.8 | 1344.8 | 1314.8 | 1287.9 | 1275.2 | 1267.3 | 1254.6 | 1246.7 |
| 15°    | 1378.1 | 1359.1 | 1349.6 | 1316.4 | 1276.8 | 1273.6 | 1224.6 | 1221.4 | 1205.6 | 1205.6 | 1192.9 |
| 17.5°  | 1327.4 | 1313.2 | 1295.8 | 1262.6 | 1234.1 | 1205.6 | 1180.3 | 1170.8 | 1156.6 | 1153.4 | 1147.1 |
| 20°    | 1278.4 | 1259.4 | 1253.1 | 1219.8 | 1189.8 | 1155.0 | 1128.1 | 1118.6 | 1112.3 | 1105.9 | 1110.7 |
| 22.5°  | 1227.8 | 1211.9 | 1196.1 | 1166.0 | 1143.9 | 1109.1 | 1093.3 | 1083.8 | 1074.3 | 1071.1 | 1072.7 |
| 25°    | 1178.7 | 1164.5 | 1148.6 | 1118.6 | 1094.9 | 1066.4 | 1052.1 | 1047.4 | 1042.6 | 1042.6 | 1041.1 |
| 27.5°  | 1131.2 | 1117.0 | 1102.8 | 1075.9 | 1052.1 | 1031.6 | 1020.5 | 1015.7 | 1011.0 | 1014.2 | 1017.3 |
| 30°    | 1082.2 | 1069.5 | 1056.9 | 1033.1 | 1014.2 | 995.2  | 988.8  | 985.7  | 984.1  | 992.0  | 992.0  |
| 32.5°  | 1037.9 | 1026.8 | 1017.3 | 995.2  | 976.2  | 960.4  | 955.6  | 957.2  | 958.8  | 963.5  | 966.7  |
| 35°    | 992.0  | 984.1  | 974.6  | 955.6  | 939.8  | 925.6  | 927.1  | 927.1  | 930.3  | 938.2  | 944.5  |
| 37.5°  | 950.9  | 939.8  | 931.9  | 916.1  | 903.4  | 890.8  | 895.5  | 900.2  | 903.4  | 912.9  | 916.1  |
| 40°    | 901.8  | 897.1  | 890.8  | 874.9  | 863.9  | 862.3  | 863.9  | 867.0  | 873.3  | 878.1  | 882.8  |
| 42.5°  | 862.3  | 855.9  | 848.0  | 835.4  | 825.9  | 827.5  | 829.0  | 832.2  | 835.4  | 843.3  | 848.0  |
| 45°    | 818.0  | 813.2  | 806.9  | 795.8  | 787.9  | 789.5  | 791.1  | 791.1  | 794.2  | 803.7  | 806.9  |
| 47.5°  | 768.9  | 770.5  | 762.6  | 751.5  | 746.8  | 746.8  | 746.8  | 749.9  | 757.9  | 761.0  | 762.6  |
| 50°    | 721.5  | 718.3  | 716.7  | 705.6  | 702.5  | 700.9  | 702.5  | 704.1  | 715.1  | 713.6  | 718.3  |
| 52.5°  | 670.8  | 670.8  | 669.3  | 662.9  | 658.2  | 658.2  | 655.0  | 662.9  | 666.1  | 669.3  | 674.0  |
| 55°    | 621.8  | 617.0  | 615.5  | 612.3  | 606.0  | 604.4  | 607.5  | 617.0  | 620.2  | 623.4  | 628.1  |
| 57.5°  | 568.0  | 568.0  | 564.8  | 560.1  | 560.1  | 560.1  | 560.1  | 566.4  | 571.2  | 574.3  | 583.8  |
| 60°    | 518.9  | 512.6  | 507.9  | 507.9  | 507.9  | 506.3  | 515.8  | 515.8  | 525.3  | 526.9  | 530.0  |
| 62.5°  | 460.4  | 457.2  | 454.1  | 455.7  | 454.1  | 457.2  | 460.4  | 466.7  | 468.3  | 473.1  | 477.8  |
| 65°    | 405.0  | 405.0  | 401.9  | 411.4  | 405.0  | 405.0  | 412.9  | 412.9  | 416.1  | 420.9  | 427.2  |
| 67.5°  | 351.2  | 352.8  | 349.7  | 349.7  | 352.8  | 354.4  | 356.0  | 362.3  | 363.9  | 370.2  | 378.1  |
| 70°    | 295.9  | 299.0  | 300.6  | 297.4  | 300.6  | 303.8  | 306.9  | 308.5  | 314.8  | 318.0  | 322.8  |
| 72.5°  | 246.8  | 250.0  | 245.2  | 246.8  | 248.4  | 251.6  | 253.1  | 256.3  | 259.5  | 269.0  | 272.1  |
| 75°    | 197.8  | 196.2  | 194.6  | 200.9  | 197.8  | 204.1  | 205.7  | 205.7  | 208.8  | 216.8  | 219.9  |
| 77.5°  | 151.9  | 151.9  | 153.5  | 150.3  | 155.1  | 153.5  | 155.1  | 159.8  | 164.5  | 164.5  | 177.2  |
| 80°    | 106.0  | 109.2  | 109.2  | 109.2  | 110.8  | 112.3  | 109.2  | 117.1  | 118.7  | 118.7  | 123.4  |
| 82.5°  | 68.0   | 69.6   | 68.0   | 71.2   | 71.2   | 74.4   | 72.8   | 74.4   | 77.5   | 80.7   | 82.3   |
| 85°    | 36.4   | 36.4   | 39.6   | 39.6   | 38.0   | 39.6   | 38.0   | 39.6   | 42.7   | 42.7   | 44.3   |
| 87.5°  | 12.7   | 12.7   | 12.7   | 12.7   | 14.2   | 12.7   | 14.2   | 14.2   | 12.7   | 12.7   | 17.4   |
| 90°    | 12.8   | 14.0   | 15.2   | 18.7   | 22.2   | 25.7   | 29.2   | 28.0   | 29.2   | 30.3   | 31.5   |
| 92.5°  | 59.5   | 70.0   | 80.5   | 117.8  | 179.6  | 240.2  | 216.9  | 162.1  | 115.4  | 89.8   | 78.1   |
| 95°    | 106.1  | 128.8  | 151.6  | 250.7  | 424.4  | 615.7  | 691.4  | 560.9  | 419.8  | 284.5  | 222.7  |
| 97.5°  | 122.4  | 147.5  | 172.6  | 270.5  | 472.2  | 794.1  | 1063.4 | 1099.6 | 964.3  | 727.6  | 573.7  |
| 100°   | 139.9  | 162.6  | 185.4  | 267.0  | 439.6  | 746.2  | 1104.2 | 1333.9 | 1374.7 | 1280.3 | 1143.9 |
| 102.5° | 159.7  | 180.1  | 200.6  | 271.7  | 411.6  | 676.3  | 1028.4 | 1345.6 | 1511.2 | 1531.0 | 1465.7 |
| 105°   | 181.9  | 200.0  | 218.0  | 281.0  | 401.1  | 621.5  | 937.5  | 1272.1 | 1515.8 | 1632.4 | 1654.6 |
| 107.5° | 206.4  | 223.3  | 240.2  | 296.2  | 398.8  | 581.8  | 857.0  | 1167.2 | 1445.9 | 1628.9 | 1719.9 |
| 110°   | 230.9  | 247.2  | 263.5  | 316.0  | 404.6  | 560.9  | 790.6  | 1069.2 | 1336.3 | 1550.8 | 1697.7 |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°   | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 256.5 | 272.2  | 288.0 | 335.8 | 416.3 | 549.2 | 746.2 | 984.1 | 1227.8 | 1448.2 | 1617.3 |
| 115°   | 282.2 | 298.0  | 313.7 | 358.0 | 429.1 | 548.0 | 717.1 | 918.8 | 1134.5 | 1337.4 | 1508.8 |
| 117.5° | 307.8 | 322.4  | 337.0 | 381.3 | 445.4 | 549.2 | 697.3 | 875.7 | 1062.2 | 1241.8 | 1399.2 |
| 120°   | 332.3 | 346.9  | 361.5 | 403.4 | 464.1 | 553.9 | 684.4 | 843.0 | 1007.4 | 1164.8 | 1304.8 |
| 122.5° | 354.5 | 370.2  | 386.0 | 426.8 | 481.6 | 562.0 | 676.3 | 816.2 | 964.3  | 1103.0 | 1230.1 |
| 125°   | 376.6 | 392.4  | 408.1 | 448.9 | 500.2 | 570.2 | 669.3 | 794.1 | 927.0  | 1054.1 | 1166.0 |
| 127.5° | 397.6 | 413.4  | 429.1 | 468.7 | 515.4 | 579.5 | 665.8 | 773.1 | 893.2  | 1008.6 | 1111.2 |
| 130°   | 416.3 | 432.0  | 447.7 | 486.2 | 530.5 | 588.8 | 662.3 | 756.7 | 861.7  | 966.6  | 1061.1 |
| 132.5° | 433.8 | 449.0  | 464.1 | 501.4 | 544.5 | 595.8 | 661.1 | 741.6 | 832.5  | 927.0  | 1013.3 |
| 135°   | 448.9 | 464.6  | 480.4 | 516.5 | 556.2 | 602.8 | 660.0 | 728.8 | 806.9  | 889.7  | 965.5  |
| 137.5° | 462.9 | 477.5  | 492.1 | 527.0 | 565.5 | 607.5 | 657.6 | 717.1 | 782.4  | 852.4  | 920.0  |
| 140°   | 474.6 | 489.2  | 503.7 | 537.5 | 572.5 | 612.2 | 656.5 | 706.6 | 761.4  | 820.9  | 876.8  |
| 142.5° | 486.2 | 499.6  | 513.0 | 545.7 | 579.5 | 615.7 | 654.1 | 697.3 | 741.6  | 790.6  | 837.2  |
| 145°   | 495.6 | 509.0  | 522.4 | 552.7 | 584.2 | 616.8 | 651.8 | 689.1 | 726.4  | 764.9  | 802.2  |
| 147.5° | 507.2 | 518.8  | 530.5 | 558.5 | 587.7 | 616.8 | 648.3 | 681.0 | 713.6  | 745.1  | 776.6  |
| 150°   | 516.5 | 527.0  | 537.5 | 564.4 | 588.8 | 616.8 | 643.6 | 672.8 | 699.6  | 726.4  | 750.9  |
| 152.5° | 525.9 | 535.8  | 545.7 | 567.8 | 591.2 | 613.3 | 637.8 | 663.5 | 686.8  | 708.9  | 729.9  |
| 155°   | 536.4 | 544.6  | 552.7 | 572.5 | 591.2 | 611.0 | 630.8 | 654.1 | 674.0  | 692.6  | 710.1  |
| 157.5° | 545.7 | 552.1  | 558.5 | 574.8 | 592.3 | 607.5 | 625.0 | 643.6 | 660.0  | 676.3  | 690.3  |
| 160°   | 552.7 | 558.6  | 564.4 | 578.3 | 592.3 | 605.2 | 618.0 | 633.1 | 648.3  | 661.1  | 672.8  |
| 162.5° | 558.5 | 563.2  | 567.8 | 579.5 | 591.2 | 600.5 | 611.0 | 622.7 | 634.3  | 644.8  | 655.3  |
| 165°   | 563.2 | 567.2  | 571.3 | 580.7 | 588.8 | 595.8 | 604.0 | 613.3 | 622.7  | 629.6  | 637.8  |
| 167.5° | 567.8 | 570.8  | 573.7 | 580.7 | 587.7 | 591.2 | 597.0 | 604.0 | 612.2  | 618.0  | 622.7  |
| 170°   | 571.3 | 572.5  | 573.7 | 579.5 | 584.2 | 586.5 | 590.0 | 595.8 | 601.7  | 605.2  | 609.8  |
| 172.5° | 573.7 | 574.2  | 574.8 | 579.5 | 583.0 | 583.0 | 584.2 | 587.7 | 592.3  | 594.7  | 598.2  |
| 175°   | 574.8 | 575.4  | 576.0 | 578.3 | 580.7 | 579.5 | 579.5 | 581.8 | 584.2  | 585.3  | 587.7  |
| 177.5° | 576.0 | 576.0  | 576.0 | 577.2 | 579.5 | 577.2 | 576.0 | 577.2 | 578.3  | 579.5  | 580.7  |
| 180°   | 576.0 | 576.0  | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0  | 576.0  | 576.0  |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1548.9 | 1550.5 | 1544.2 | 1539.4 | 1552.1 | 1544.2 | 1544.2 | 1545.8 | 1542.6 | 1547.3 | 1545.8 |
| 5°     | 1461.9 | 1463.5 | 1452.4 | 1455.6 | 1449.3 | 1447.7 | 1446.1 | 1455.6 | 1454.0 | 1452.4 | 1455.6 |
| 7.5°   | 1376.5 | 1376.5 | 1371.7 | 1368.6 | 1368.6 | 1363.8 | 1370.1 | 1368.6 | 1371.7 | 1371.7 | 1376.5 |
| 10°    | 1305.3 | 1308.4 | 1300.5 | 1292.6 | 1291.0 | 1292.6 | 1292.6 | 1294.2 | 1295.8 | 1306.9 | 1305.3 |
| 12.5°  | 1246.7 | 1242.0 | 1240.4 | 1235.7 | 1227.8 | 1224.6 | 1221.4 | 1238.8 | 1234.1 | 1234.1 | 1234.1 |
| 15°    | 1181.9 | 1192.9 | 1191.4 | 1177.1 | 1174.0 | 1180.3 | 1177.1 | 1177.1 | 1192.9 | 1191.4 | 1189.8 |
| 17.5°  | 1147.1 | 1143.9 | 1140.7 | 1132.8 | 1134.4 | 1132.8 | 1134.4 | 1134.4 | 1143.9 | 1143.9 | 1143.9 |
| 20°    | 1107.5 | 1101.2 | 1101.2 | 1098.0 | 1098.0 | 1093.3 | 1099.6 | 1101.2 | 1107.5 | 1107.5 | 1109.1 |
| 22.5°  | 1072.7 | 1068.0 | 1068.0 | 1066.4 | 1069.5 | 1063.2 | 1069.5 | 1071.1 | 1071.1 | 1075.9 | 1075.9 |
| 25°    | 1042.6 | 1039.5 | 1039.5 | 1042.6 | 1042.6 | 1042.6 | 1042.6 | 1049.0 | 1044.2 | 1045.8 | 1044.2 |
| 27.5°  | 1015.7 | 1017.3 | 1018.9 | 1020.5 | 1018.9 | 1020.5 | 1022.1 | 1025.2 | 1026.8 | 1025.2 | 1022.1 |
| 30°    | 990.4  | 995.2  | 996.8  | 996.8  | 999.9  | 1001.5 | 1003.1 | 1003.1 | 1004.7 | 999.9  | 1003.1 |
| 32.5°  | 971.4  | 971.4  | 974.6  | 976.2  | 979.4  | 980.9  | 980.9  | 984.1  | 982.5  | 977.8  | 979.4  |
| 35°    | 944.5  | 944.5  | 950.9  | 954.0  | 958.8  | 957.2  | 958.8  | 958.8  | 960.4  | 957.2  | 952.5  |
| 37.5°  | 917.6  | 920.8  | 920.8  | 927.1  | 928.7  | 930.3  | 928.7  | 931.9  | 930.3  | 927.1  | 925.6  |
| 40°    | 886.0  | 884.4  | 886.0  | 890.8  | 892.3  | 892.3  | 892.3  | 895.5  | 895.5  | 895.5  | 893.9  |
| 42.5°  | 846.5  | 851.2  | 849.6  | 854.4  | 852.8  | 852.8  | 855.9  | 859.1  | 860.7  | 855.9  | 857.5  |
| 45°    | 808.5  | 808.5  | 811.6  | 811.6  | 813.2  | 813.2  | 819.6  | 816.4  | 819.6  | 816.4  | 818.0  |
| 47.5°  | 767.3  | 768.9  | 768.9  | 770.5  | 773.7  | 776.8  | 773.7  | 775.3  | 775.3  | 776.8  | 773.7  |
| 50°    | 721.5  | 721.5  | 724.6  | 729.4  | 735.7  | 732.5  | 731.0  | 737.3  | 732.5  | 732.5  | 729.4  |
| 52.5°  | 674.0  | 678.7  | 680.3  | 685.1  | 689.8  | 691.4  | 693.0  | 689.8  | 691.4  | 686.7  | 688.2  |
| 55°    | 628.1  | 629.7  | 636.0  | 640.8  | 645.5  | 645.5  | 643.9  | 645.5  | 647.1  | 640.8  | 640.8  |
| 57.5°  | 582.2  | 587.0  | 593.3  | 593.3  | 599.6  | 599.6  | 598.1  | 598.1  | 599.6  | 594.9  | 593.3  |
| 60°    | 533.2  | 537.9  | 545.8  | 545.8  | 555.3  | 556.9  | 553.8  | 550.6  | 550.6  | 545.8  | 547.4  |
| 62.5°  | 481.0  | 485.7  | 490.5  | 498.4  | 504.7  | 501.5  | 507.9  | 501.5  | 503.1  | 493.6  | 493.6  |
| 65°    | 435.1  | 436.7  | 444.6  | 452.5  | 452.5  | 455.7  | 452.5  | 454.1  | 449.3  | 449.3  | 443.0  |
| 67.5°  | 381.3  | 381.3  | 389.2  | 397.1  | 405.0  | 405.0  | 405.0  | 400.3  | 400.3  | 395.5  | 395.5  |
| 70°    | 333.8  | 332.3  | 340.2  | 344.9  | 349.7  | 351.2  | 348.1  | 346.5  | 343.3  | 338.6  | 337.0  |
| 72.5°  | 275.3  | 278.5  | 286.4  | 289.5  | 297.4  | 295.9  | 303.8  | 294.3  | 294.3  | 286.4  | 284.8  |
| 75°    | 223.1  | 226.2  | 234.2  | 238.9  | 243.7  | 243.7  | 248.4  | 243.7  | 237.3  | 234.2  | 232.6  |
| 77.5°  | 177.2  | 175.6  | 181.9  | 189.9  | 191.4  | 189.9  | 193.0  | 191.4  | 185.1  | 185.1  | 181.9  |
| 80°    | 126.6  | 131.3  | 137.6  | 136.1  | 142.4  | 140.8  | 140.8  | 137.6  | 137.6  | 132.9  | 136.1  |
| 82.5°  | 83.9   | 88.6   | 90.2   | 88.6   | 90.2   | 93.3   | 94.9   | 93.3   | 93.3   | 90.2   | 91.8   |
| 85°    | 44.3   | 44.3   | 47.5   | 49.0   | 47.5   | 47.5   | 49.0   | 53.8   | 50.6   | 47.5   | 50.6   |
| 87.5°  | 14.2   | 12.7   | 12.7   | 14.2   | 12.7   | 12.7   | 14.2   | 14.2   | 15.8   | 15.8   | 15.8   |
| 90°    | 32.6   | 33.8   | 32.6   | 33.8   | 35.0   | 33.8   | 35.0   | 33.8   | 32.6   | 33.8   | 32.6   |
| 92.5°  | 74.0   | 70.0   | 67.6   | 63.0   | 64.1   | 61.8   | 64.1   | 63.0   | 67.6   | 70.0   | 74.0   |
| 95°    | 201.7  | 180.7  | 158.6  | 148.1  | 139.9  | 135.3  | 139.9  | 148.1  | 158.6  | 180.7  | 201.7  |
| 97.5°  | 507.2  | 440.8  | 362.6  | 318.3  | 290.3  | 277.5  | 290.3  | 318.3  | 362.6  | 440.8  | 507.2  |
| 100°   | 1061.1 | 978.3  | 860.5  | 775.4  | 729.9  | 731.1  | 729.9  | 775.4  | 860.5  | 978.3  | 1061.1 |
| 102.5° | 1420.8 | 1375.9 | 1290.8 | 1227.8 | 1191.7 | 1157.9 | 1191.7 | 1227.8 | 1290.8 | 1375.9 | 1420.8 |
| 105°   | 1639.4 | 1624.3 | 1570.6 | 1526.3 | 1489.0 | 1483.2 | 1489.0 | 1526.3 | 1570.6 | 1624.3 | 1639.4 |
| 107.5° | 1735.6 | 1751.4 | 1744.4 | 1723.4 | 1708.2 | 1695.4 | 1708.2 | 1723.4 | 1744.4 | 1751.4 | 1735.6 |
| 110°   | 1738.5 | 1779.3 | 1812.0 | 1821.3 | 1819.0 | 1816.6 | 1819.0 | 1821.3 | 1812.0 | 1779.3 | 1738.5 |

TEST NUMBER: P1011303

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1672.6 | 1728.0 | 1794.5 | 1828.3 | 1840.0 | 1841.1 | 1840.0 | 1828.3 | 1794.5 | 1728.0 | 1672.6 |
| 115°   | 1572.4 | 1635.9 | 1723.4 | 1774.7 | 1798.0 | 1803.8 | 1798.0 | 1774.7 | 1723.4 | 1635.9 | 1572.4 |
| 117.5° | 1465.1 | 1531.0 | 1621.9 | 1679.1 | 1714.0 | 1722.2 | 1714.0 | 1679.1 | 1621.9 | 1531.0 | 1465.1 |
| 120°   | 1363.6 | 1422.5 | 1514.7 | 1579.9 | 1607.9 | 1614.9 | 1607.9 | 1579.9 | 1514.7 | 1422.5 | 1363.6 |
| 122.5° | 1283.8 | 1337.4 | 1416.7 | 1473.8 | 1505.3 | 1514.7 | 1505.3 | 1473.8 | 1416.7 | 1337.4 | 1283.8 |
| 125°   | 1212.6 | 1259.3 | 1333.9 | 1385.2 | 1414.4 | 1422.5 | 1414.4 | 1385.2 | 1333.9 | 1259.3 | 1212.6 |
| 127.5° | 1154.4 | 1197.5 | 1265.1 | 1309.4 | 1336.3 | 1343.2 | 1336.3 | 1309.4 | 1265.1 | 1197.5 | 1154.4 |
| 130°   | 1100.8 | 1140.4 | 1202.2 | 1244.1 | 1268.6 | 1278.0 | 1268.6 | 1244.1 | 1202.2 | 1140.4 | 1100.8 |
| 132.5° | 1050.6 | 1087.9 | 1145.0 | 1187.0 | 1208.0 | 1213.8 | 1208.0 | 1187.0 | 1145.0 | 1087.9 | 1050.6 |
| 135°   | 998.7  | 1031.9 | 1089.1 | 1124.0 | 1145.0 | 1153.2 | 1145.0 | 1124.0 | 1089.1 | 1031.9 | 998.7  |
| 137.5° | 949.8  | 979.5  | 1028.4 | 1064.6 | 1082.1 | 1089.1 | 1082.1 | 1064.6 | 1028.4 | 979.5  | 949.8  |
| 140°   | 901.9  | 927.0  | 971.3  | 1003.9 | 1022.6 | 1021.4 | 1022.6 | 1003.9 | 971.3  | 927.0  | 901.9  |
| 142.5° | 858.2  | 879.2  | 915.3  | 943.3  | 959.6  | 958.5  | 959.6  | 943.3  | 915.3  | 879.2  | 858.2  |
| 145°   | 819.1  | 836.0  | 865.2  | 889.7  | 899.0  | 901.3  | 899.0  | 889.7  | 865.2  | 836.0  | 819.1  |
| 147.5° | 788.8  | 801.1  | 824.4  | 841.9  | 851.2  | 852.4  | 851.2  | 841.9  | 824.4  | 801.1  | 788.8  |
| 150°   | 762.0  | 773.1  | 790.6  | 803.4  | 810.4  | 810.4  | 810.4  | 803.4  | 790.6  | 773.1  | 762.0  |
| 152.5° | 738.6  | 747.4  | 760.2  | 771.9  | 775.4  | 775.4  | 775.4  | 771.9  | 760.2  | 747.4  | 738.6  |
| 155°   | 717.1  | 724.1  | 734.6  | 743.9  | 746.2  | 747.4  | 746.2  | 743.9  | 734.6  | 724.1  | 717.1  |
| 157.5° | 696.1  | 701.9  | 711.3  | 718.3  | 720.6  | 720.6  | 720.6  | 718.3  | 711.3  | 701.9  | 696.1  |
| 160°   | 676.9  | 681.0  | 689.1  | 696.1  | 696.1  | 694.9  | 696.1  | 696.1  | 689.1  | 681.0  | 676.9  |
| 162.5° | 658.8  | 662.3  | 667.0  | 672.8  | 672.8  | 671.6  | 672.8  | 672.8  | 667.0  | 662.3  | 658.8  |
| 165°   | 640.7  | 643.6  | 648.3  | 653.0  | 651.8  | 651.8  | 651.8  | 653.0  | 648.3  | 643.6  | 640.7  |
| 167.5° | 625.0  | 627.3  | 629.6  | 633.1  | 632.0  | 632.0  | 632.0  | 633.1  | 629.6  | 627.3  | 625.0  |
| 170°   | 611.0  | 612.2  | 613.3  | 615.7  | 614.5  | 614.5  | 614.5  | 615.7  | 613.3  | 612.2  | 611.0  |
| 172.5° | 598.8  | 599.3  | 599.3  | 601.7  | 599.3  | 598.2  | 599.3  | 601.7  | 599.3  | 599.3  | 598.8  |
| 175°   | 587.7  | 587.7  | 587.7  | 588.8  | 587.7  | 586.5  | 587.7  | 588.8  | 587.7  | 587.7  | 587.7  |
| 177.5° | 580.7  | 580.7  | 579.5  | 580.7  | 578.3  | 578.3  | 578.3  | 580.7  | 579.5  | 580.7  | 580.7  |
| 180°   | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  | 576.0  |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1550.5 | 1553.7 | 1555.3 | 1548.9 | 1544.2 | 1552.1 | 1563.2 | 1571.1 | 1577.4 | 1585.3 | 1590.1 |
| 5°     | 1458.7 | 1469.8 | 1469.8 | 1473.0 | 1477.7 | 1485.6 | 1506.2 | 1520.4 | 1533.1 | 1542.6 | 1550.5 |
| 7.5°   | 1381.2 | 1389.1 | 1393.9 | 1401.8 | 1409.7 | 1420.8 | 1444.5 | 1465.1 | 1484.1 | 1495.1 | 1507.8 |
| 10°    | 1311.6 | 1317.9 | 1325.8 | 1330.6 | 1344.8 | 1360.7 | 1390.7 | 1408.1 | 1430.3 | 1447.7 | 1463.5 |
| 12.5°  | 1245.2 | 1267.3 | 1272.1 | 1270.5 | 1283.1 | 1300.5 | 1330.6 | 1357.5 | 1381.2 | 1398.6 | 1416.0 |
| 15°    | 1197.7 | 1205.6 | 1215.1 | 1213.5 | 1240.4 | 1245.2 | 1270.5 | 1302.1 | 1333.8 | 1344.8 | 1360.7 |
| 17.5°  | 1145.5 | 1158.1 | 1167.6 | 1172.4 | 1180.3 | 1197.7 | 1221.4 | 1245.2 | 1286.3 | 1287.9 | 1329.0 |
| 20°    | 1104.3 | 1117.0 | 1123.3 | 1129.7 | 1134.4 | 1155.0 | 1175.5 | 1202.4 | 1235.7 | 1253.1 | 1275.2 |
| 22.5°  | 1077.4 | 1083.8 | 1088.5 | 1093.3 | 1099.6 | 1110.7 | 1136.0 | 1166.0 | 1188.2 | 1207.2 | 1221.4 |
| 25°    | 1045.8 | 1052.1 | 1058.5 | 1061.6 | 1066.4 | 1072.7 | 1091.7 | 1115.4 | 1147.1 | 1159.7 | 1174.0 |
| 27.5°  | 1023.7 | 1023.7 | 1026.8 | 1026.8 | 1033.1 | 1039.5 | 1053.7 | 1075.9 | 1101.2 | 1117.0 | 1136.0 |
| 30°    | 999.9  | 998.3  | 999.9  | 998.3  | 996.8  | 1006.2 | 1018.9 | 1037.9 | 1055.3 | 1074.3 | 1086.9 |
| 32.5°  | 976.2  | 974.6  | 974.6  | 976.2  | 969.9  | 974.6  | 980.9  | 998.3  | 1017.3 | 1026.8 | 1041.1 |
| 35°    | 950.9  | 947.7  | 947.7  | 947.7  | 944.5  | 941.4  | 947.7  | 963.5  | 976.2  | 988.8  | 999.9  |
| 37.5°  | 925.6  | 920.8  | 920.8  | 917.6  | 914.5  | 909.7  | 909.7  | 922.4  | 939.8  | 944.5  | 958.8  |
| 40°    | 890.8  | 890.8  | 887.6  | 886.0  | 882.8  | 879.7  | 874.9  | 886.0  | 901.8  | 906.6  | 917.6  |
| 42.5°  | 855.9  | 851.2  | 849.6  | 849.6  | 849.6  | 844.9  | 841.7  | 849.6  | 859.1  | 867.0  | 873.3  |
| 45°    | 816.4  | 813.2  | 814.8  | 813.2  | 810.1  | 808.5  | 806.9  | 810.1  | 821.1  | 824.3  | 832.2  |
| 47.5°  | 773.7  | 772.1  | 772.1  | 770.5  | 768.9  | 770.5  | 764.2  | 772.1  | 775.3  | 778.4  | 784.7  |
| 50°    | 729.4  | 727.8  | 726.2  | 724.6  | 724.6  | 726.2  | 724.6  | 724.6  | 731.0  | 734.1  | 740.4  |
| 52.5°  | 685.1  | 680.3  | 680.3  | 678.7  | 678.7  | 675.6  | 678.7  | 680.3  | 683.5  | 686.7  | 689.8  |
| 55°    | 637.6  | 637.6  | 632.9  | 632.9  | 629.7  | 629.7  | 631.3  | 629.7  | 636.0  | 639.2  | 639.2  |
| 57.5°  | 591.7  | 585.4  | 587.0  | 583.8  | 580.7  | 579.1  | 579.1  | 582.2  | 585.4  | 585.4  | 588.6  |
| 60°    | 542.7  | 536.4  | 534.8  | 528.4  | 531.6  | 526.9  | 528.4  | 528.4  | 534.8  | 531.6  | 534.8  |
| 62.5°  | 493.6  | 485.7  | 481.0  | 477.8  | 477.8  | 479.4  | 476.2  | 474.6  | 477.8  | 481.0  | 487.3  |
| 65°    | 441.4  | 436.7  | 431.9  | 427.2  | 427.2  | 425.6  | 428.8  | 424.0  | 422.4  | 424.0  | 427.2  |
| 67.5°  | 387.6  | 382.9  | 378.1  | 373.4  | 375.0  | 370.2  | 367.1  | 371.8  | 368.6  | 370.2  | 373.4  |
| 70°    | 335.4  | 332.3  | 322.8  | 319.6  | 318.0  | 319.6  | 318.0  | 314.8  | 319.6  | 318.0  | 319.6  |
| 72.5°  | 283.2  | 280.0  | 275.3  | 267.4  | 267.4  | 265.8  | 264.2  | 264.2  | 262.6  | 262.6  | 262.6  |
| 75°    | 232.6  | 226.2  | 221.5  | 219.9  | 216.8  | 215.2  | 213.6  | 210.4  | 212.0  | 213.6  | 210.4  |
| 77.5°  | 180.4  | 172.5  | 170.9  | 170.9  | 166.1  | 166.1  | 167.7  | 166.1  | 164.5  | 164.5  | 164.5  |
| 80°    | 132.9  | 126.6  | 126.6  | 123.4  | 120.2  | 120.2  | 120.2  | 120.2  | 118.7  | 117.1  | 118.7  |
| 82.5°  | 85.4   | 83.9   | 82.3   | 82.3   | 85.4   | 79.1   | 82.3   | 80.7   | 79.1   | 79.1   | 77.5   |
| 85°    | 47.5   | 49.0   | 47.5   | 49.0   | 45.9   | 47.5   | 47.5   | 47.5   | 45.9   | 47.5   | 44.3   |
| 87.5°  | 17.4   | 17.4   | 17.4   | 19.0   | 19.0   | 19.0   | 19.0   | 19.0   | 20.6   | 19.0   | 19.0   |
| 90°    | 31.5   | 30.3   | 29.2   | 28.0   | 29.2   | 25.7   | 22.2   | 18.7   | 15.2   | 14.0   | 12.8   |
| 92.5°  | 78.1   | 89.8   | 115.4  | 162.1  | 216.9  | 240.2  | 179.6  | 117.8  | 80.5   | 70.0   | 59.5   |
| 95°    | 222.7  | 284.5  | 419.8  | 560.9  | 691.4  | 615.7  | 424.4  | 250.7  | 151.6  | 128.8  | 106.1  |
| 97.5°  | 573.7  | 727.6  | 964.3  | 1099.6 | 1063.4 | 794.1  | 472.2  | 270.5  | 172.6  | 147.5  | 122.4  |
| 100°   | 1143.9 | 1280.3 | 1374.7 | 1333.9 | 1104.2 | 746.2  | 439.6  | 267.0  | 185.4  | 162.6  | 139.9  |
| 102.5° | 1465.7 | 1531.0 | 1511.2 | 1345.6 | 1028.4 | 676.3  | 411.6  | 271.7  | 200.6  | 180.1  | 159.7  |
| 105°   | 1654.6 | 1632.4 | 1515.8 | 1272.1 | 937.5  | 621.5  | 401.1  | 281.0  | 218.0  | 200.0  | 181.9  |
| 107.5° | 1719.9 | 1628.9 | 1445.9 | 1167.2 | 857.0  | 581.8  | 398.8  | 296.2  | 240.2  | 223.3  | 206.4  |
| 110°   | 1697.7 | 1550.8 | 1336.3 | 1069.2 | 790.6  | 560.9  | 404.6  | 316.0  | 263.5  | 247.2  | 230.9  |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1617.3 | 1448.2 | 1227.8 | 984.1 | 746.2 | 549.2 | 416.3 | 335.8 | 288.0 | 272.2  | 256.5 |
| 115°   | 1508.8 | 1337.4 | 1134.5 | 918.8 | 717.1 | 548.0 | 429.1 | 358.0 | 313.7 | 298.0  | 282.2 |
| 117.5° | 1399.2 | 1241.8 | 1062.2 | 875.7 | 697.3 | 549.2 | 445.4 | 381.3 | 337.0 | 322.4  | 307.8 |
| 120°   | 1304.8 | 1164.8 | 1007.4 | 843.0 | 684.4 | 553.9 | 464.1 | 403.4 | 361.5 | 346.9  | 332.3 |
| 122.5° | 1230.1 | 1103.0 | 964.3  | 816.2 | 676.3 | 562.0 | 481.6 | 426.8 | 386.0 | 370.2  | 354.5 |
| 125°   | 1166.0 | 1054.1 | 927.0  | 794.1 | 669.3 | 570.2 | 500.2 | 448.9 | 408.1 | 392.4  | 376.6 |
| 127.5° | 1111.2 | 1008.6 | 893.2  | 773.1 | 665.8 | 579.5 | 515.4 | 468.7 | 429.1 | 413.4  | 397.6 |
| 130°   | 1061.1 | 966.6  | 861.7  | 756.7 | 662.3 | 588.8 | 530.5 | 486.2 | 447.7 | 432.0  | 416.3 |
| 132.5° | 1013.3 | 927.0  | 832.5  | 741.6 | 661.1 | 595.8 | 544.5 | 501.4 | 464.1 | 449.0  | 433.8 |
| 135°   | 965.5  | 889.7  | 806.9  | 728.8 | 660.0 | 602.8 | 556.2 | 516.5 | 480.4 | 464.6  | 448.9 |
| 137.5° | 920.0  | 852.4  | 782.4  | 717.1 | 657.6 | 607.5 | 565.5 | 527.0 | 492.1 | 477.5  | 462.9 |
| 140°   | 876.8  | 820.9  | 761.4  | 706.6 | 656.5 | 612.2 | 572.5 | 537.5 | 503.7 | 489.2  | 474.6 |
| 142.5° | 837.2  | 790.6  | 741.6  | 697.3 | 654.1 | 615.7 | 579.5 | 545.7 | 513.0 | 499.6  | 486.2 |
| 145°   | 802.2  | 764.9  | 726.4  | 689.1 | 651.8 | 616.8 | 584.2 | 552.7 | 522.4 | 509.0  | 495.6 |
| 147.5° | 776.6  | 745.1  | 713.6  | 681.0 | 648.3 | 616.8 | 587.7 | 558.5 | 530.5 | 518.8  | 507.2 |
| 150°   | 750.9  | 726.4  | 699.6  | 672.8 | 643.6 | 616.8 | 588.8 | 564.4 | 537.5 | 527.0  | 516.5 |
| 152.5° | 729.9  | 708.9  | 686.8  | 663.5 | 637.8 | 613.3 | 591.2 | 567.8 | 545.7 | 535.8  | 525.9 |
| 155°   | 710.1  | 692.6  | 674.0  | 654.1 | 630.8 | 611.0 | 591.2 | 572.5 | 552.7 | 544.6  | 536.4 |
| 157.5° | 690.3  | 676.3  | 660.0  | 643.6 | 625.0 | 607.5 | 592.3 | 574.8 | 558.5 | 552.1  | 545.7 |
| 160°   | 672.8  | 661.1  | 648.3  | 633.1 | 618.0 | 605.2 | 592.3 | 578.3 | 564.4 | 558.6  | 552.7 |
| 162.5° | 655.3  | 644.8  | 634.3  | 622.7 | 611.0 | 600.5 | 591.2 | 579.5 | 567.8 | 563.2  | 558.5 |
| 165°   | 637.8  | 629.6  | 622.7  | 613.3 | 604.0 | 595.8 | 588.8 | 580.7 | 571.3 | 567.2  | 563.2 |
| 167.5° | 622.7  | 618.0  | 612.2  | 604.0 | 597.0 | 591.2 | 587.7 | 580.7 | 573.7 | 570.8  | 567.8 |
| 170°   | 609.8  | 605.2  | 601.7  | 595.8 | 590.0 | 586.5 | 584.2 | 579.5 | 573.7 | 572.5  | 571.3 |
| 172.5° | 598.2  | 594.7  | 592.3  | 587.7 | 584.2 | 583.0 | 583.0 | 579.5 | 574.8 | 574.2  | 573.7 |
| 175°   | 587.7  | 585.3  | 584.2  | 581.8 | 579.5 | 579.5 | 580.7 | 578.3 | 576.0 | 575.4  | 574.8 |
| 177.5° | 580.7  | 579.5  | 578.3  | 577.2 | 576.0 | 577.2 | 579.5 | 577.2 | 576.0 | 576.0  | 576.0 |
| 180°   | 576.0  | 576.0  | 576.0  | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0  | 576.0 |

TEST NUMBER: P1011303

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1632.8 | 1632.8 | 1632.8 | 1632.8 |
| 2.5°   | 1598.0 | 1602.7 | 1618.5 | 1637.5 |
| 5°     | 1566.3 | 1579.0 | 1601.1 | 1631.2 |
| 7.5°   | 1531.5 | 1550.5 | 1582.2 | 1620.1 |
| 10°    | 1492.0 | 1518.9 | 1558.4 | 1605.9 |
| 12.5°  | 1449.3 | 1484.1 | 1534.7 | 1583.7 |
| 15°    | 1422.4 | 1457.2 | 1503.0 | 1556.8 |
| 17.5°  | 1370.1 | 1411.3 | 1458.7 | 1534.7 |
| 20°    | 1316.4 | 1362.2 | 1423.9 | 1499.9 |
| 22.5°  | 1275.2 | 1324.3 | 1382.8 | 1463.5 |
| 25°    | 1226.2 | 1276.8 | 1340.1 | 1423.9 |
| 27.5°  | 1174.0 | 1224.6 | 1295.8 | 1384.4 |
| 30°    | 1134.4 | 1183.5 | 1251.5 | 1346.4 |
| 32.5°  | 1086.9 | 1134.4 | 1205.6 | 1305.3 |
| 35°    | 1033.1 | 1086.9 | 1155.0 | 1256.2 |
| 37.5°  | 992.0  | 1041.1 | 1112.3 | 1208.8 |
| 40°    | 947.7  | 990.4  | 1060.0 | 1155.0 |
| 42.5°  | 900.2  | 947.7  | 1007.8 | 1102.8 |
| 45°    | 855.9  | 890.8  | 952.5  | 1042.6 |
| 47.5°  | 808.5  | 848.0  | 895.5  | 965.1  |
| 50°    | 757.9  | 791.1  | 843.3  | 890.8  |
| 52.5°  | 708.8  | 735.7  | 780.0  | 816.4  |
| 55°    | 656.6  | 683.5  | 716.7  | 738.9  |
| 57.5°  | 607.5  | 626.5  | 648.7  | 662.9  |
| 60°    | 547.4  | 566.4  | 580.7  | 594.9  |
| 62.5°  | 493.6  | 507.9  | 515.8  | 523.7  |
| 65°    | 438.3  | 446.2  | 450.9  | 457.2  |
| 67.5°  | 378.1  | 386.0  | 387.6  | 397.1  |
| 70°    | 322.8  | 324.3  | 327.5  | 332.3  |
| 72.5°  | 270.5  | 273.7  | 272.1  | 275.3  |
| 75°    | 216.8  | 219.9  | 216.8  | 219.9  |
| 77.5°  | 164.5  | 167.7  | 167.7  | 172.5  |
| 80°    | 118.7  | 120.2  | 121.8  | 121.8  |
| 82.5°  | 77.5   | 82.3   | 79.1   | 80.7   |
| 85°    | 44.3   | 45.9   | 45.9   | 47.5   |
| 87.5°  | 20.6   | 22.2   | 20.6   | 23.7   |
| 90°    | 10.5   | 7.0    | 4.7    | 2.3    |
| 92.5°  | 47.8   | 37.3   | 25.7   | 17.5   |
| 95°    | 75.8   | 56.0   | 43.1   | 39.6   |
| 97.5°  | 92.1   | 74.6   | 64.1   | 63.0   |
| 100°   | 111.9  | 95.6   | 87.5   | 86.3   |
| 102.5° | 135.3  | 120.1  | 113.1  | 110.8  |
| 105°   | 159.7  | 145.8  | 138.8  | 135.3  |
| 107.5° | 185.4  | 171.4  | 164.4  | 160.9  |
| 110°   | 211.0  | 198.2  | 192.4  | 188.9  |

TEST NUMBER: P1011303

CATALOG NUMBER: S123DIP-B1165D1195UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 236.7 | 223.9 | 218.0 | 214.5 |
| 115°   | 262.4 | 250.7 | 243.7 | 239.0 |
| 117.5° | 285.7 | 275.2 | 269.3 | 263.5 |
| 120°   | 310.2 | 298.5 | 292.7 | 289.2 |
| 122.5° | 333.5 | 320.7 | 314.8 | 311.3 |
| 125°   | 354.5 | 341.6 | 334.6 | 332.3 |
| 127.5° | 373.1 | 360.3 | 352.1 | 348.6 |
| 130°   | 391.8 | 377.8 | 367.3 | 363.8 |
| 132.5° | 409.3 | 391.8 | 380.1 | 375.5 |
| 135°   | 424.4 | 406.9 | 394.1 | 389.4 |
| 137.5° | 438.4 | 419.8 | 406.9 | 402.3 |
| 140°   | 451.2 | 432.6 | 420.9 | 415.1 |
| 142.5° | 462.9 | 446.6 | 433.8 | 429.1 |
| 145°   | 475.7 | 458.2 | 447.7 | 444.3 |
| 147.5° | 487.4 | 472.2 | 461.7 | 459.4 |
| 150°   | 500.2 | 485.1 | 475.7 | 474.6 |
| 152.5° | 511.9 | 499.1 | 489.7 | 489.7 |
| 155°   | 523.5 | 511.9 | 504.9 | 504.9 |
| 157.5° | 534.0 | 523.5 | 517.7 | 516.5 |
| 160°   | 544.5 | 535.2 | 530.5 | 530.5 |
| 162.5° | 551.5 | 544.5 | 541.0 | 541.0 |
| 165°   | 558.5 | 552.7 | 550.4 | 551.5 |
| 167.5° | 564.4 | 559.7 | 558.5 | 559.7 |
| 170°   | 569.0 | 565.5 | 564.4 | 566.7 |
| 172.5° | 572.5 | 570.2 | 570.2 | 571.3 |
| 175°   | 574.8 | 572.5 | 573.7 | 574.8 |
| 177.5° | 576.0 | 574.8 | 576.0 | 577.2 |
| 180°   | 576.0 | 576.0 | 576.0 | 576.0 |

(END OF REPORT)