

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: P1011373

Luminaire Tested: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1011373  
REPORT IS A COMBINATION OF REPORTS P989500 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B1165D585UB27-4F0-XX-W2A-A1  
Description: Define 3 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

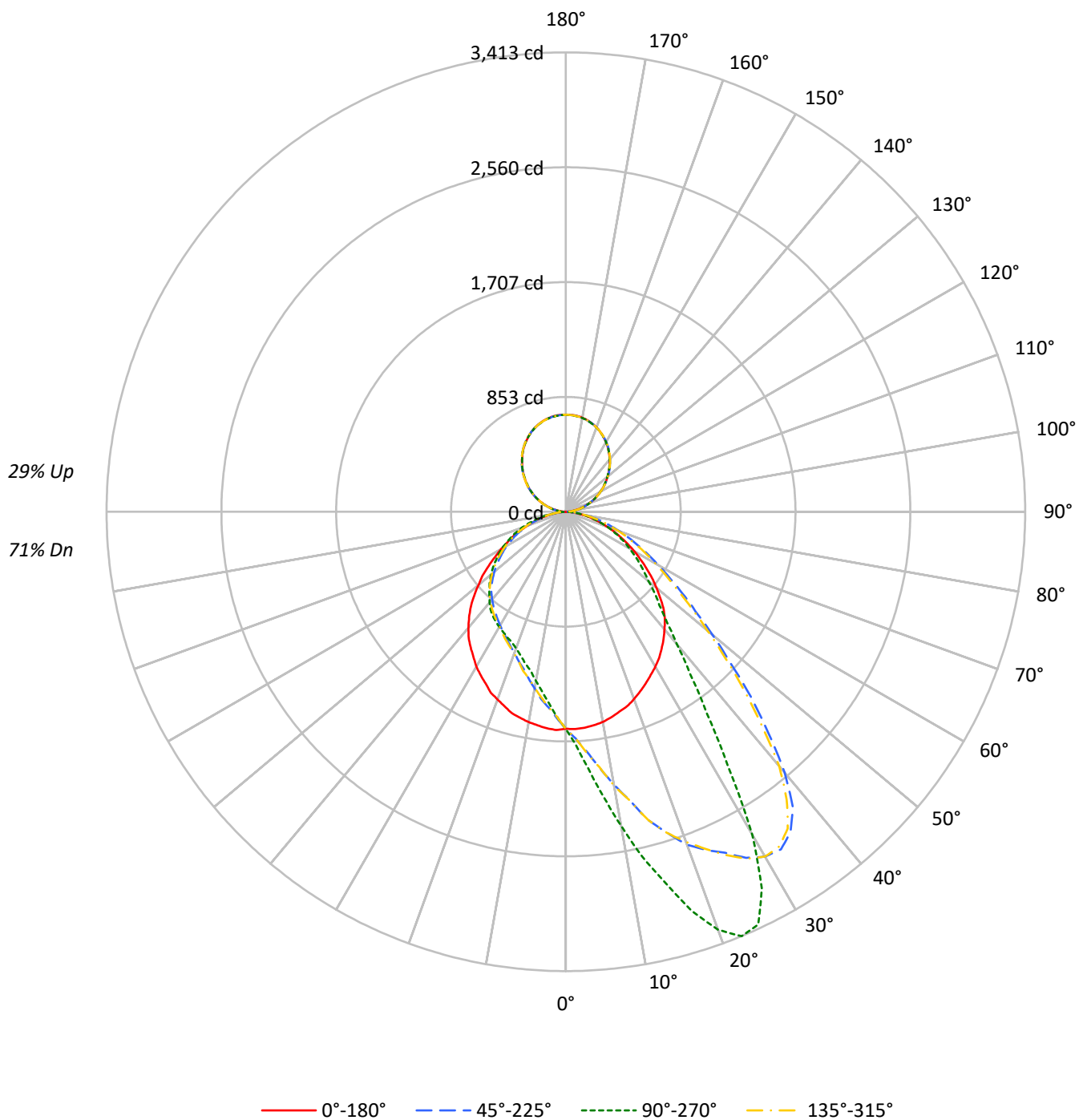
Lumens per Lamp: N/A  
Luminaire Lumens: 6865.0 lumens  
Efficiency: N/A  
Efficacy: 89.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 76.7  
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: P1011373

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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   | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 95 | 95 | 95 | 85 | 85 | 85 | 75 | 75 | 75 |
| 1   | 103 | 99  | 95  | 91  | 97  | 94  | 90  | 87  | 84 | 81 | 79 | 75 | 73 | 72 | 67 | 66 | 64 |
| 2   | 94  | 87  | 80  | 75  | 89  | 82  | 77  | 72  | 74 | 70 | 66 | 67 | 63 | 60 | 60 | 57 | 55 |
| 3   | 86  | 76  | 69  | 63  | 81  | 73  | 66  | 61  | 66 | 60 | 56 | 59 | 55 | 51 | 53 | 50 | 47 |
| 4   | 79  | 68  | 60  | 54  | 74  | 65  | 57  | 52  | 59 | 53 | 48 | 53 | 48 | 44 | 48 | 44 | 41 |
| 5   | 73  | 61  | 52  | 46  | 69  | 58  | 50  | 45  | 53 | 46 | 42 | 48 | 43 | 39 | 43 | 39 | 36 |
| 6   | 67  | 55  | 46  | 41  | 63  | 52  | 45  | 39  | 48 | 41 | 37 | 43 | 38 | 34 | 39 | 35 | 32 |
| 7   | 62  | 50  | 41  | 36  | 59  | 47  | 40  | 35  | 43 | 37 | 32 | 39 | 34 | 30 | 36 | 31 | 28 |
| 8   | 58  | 45  | 37  | 32  | 55  | 43  | 36  | 31  | 40 | 33 | 29 | 36 | 31 | 27 | 33 | 29 | 25 |
| 9   | 54  | 41  | 34  | 28  | 51  | 40  | 33  | 28  | 36 | 30 | 26 | 33 | 28 | 24 | 30 | 26 | 23 |
| 10  | 50  | 38  | 31  | 26  | 48  | 36  | 30  | 25  | 34 | 28 | 24 | 31 | 26 | 22 | 28 | 24 | 21 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 17350 | 17350 | 17350 | 17350 |
| 5°  | 17361 | 19991 | 17412 | 14920 |
| 10° | 17252 | 24191 | 17269 | 13029 |
| 15° | 17013 | 28690 | 17151 | 11728 |
| 20° | 16808 | 33032 | 16843 | 10792 |
| 25° | 16503 | 33864 | 16540 | 10303 |
| 30° | 16286 | 27978 | 16286 | 9983  |
| 35° | 16016 | 18711 | 15916 | 9701  |
| 40° | 15692 | 13507 | 15498 | 9267  |
| 45° | 15286 | 10699 | 14845 | 8729  |
| 50° | 14300 | 9087  | 13791 | 8201  |
| 55° | 13216 | 7984  | 12678 | 7612  |
| 60° | 12119 | 6952  | 11473 | 6992  |
| 65° | 10912 | 5953  | 10383 | 6167  |
| 70° | 9659  | 4942  | 9014  | 5198  |
| 75° | 8258  | 3727  | 7726  | 4012  |
| 80° | 6531  | 2488  | 6021  | 2636  |
| 85° | 4505  | 1141  | 3602  | 1040  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 27982 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 158.5  | 2.3       |
| 10°-20°   | 509.2  | 7.4       |
| 20°-30°   | 856.7  | 12.5      |
| 30°-40°   | 968.2  | 14.1      |
| 40°-50°   | 867.2  | 12.6      |
| 50°-60°   | 700.0  | 10.2      |
| 60°-70°   | 487.8  | 7.1       |
| 70°-80°   | 256.0  | 3.7       |
| 80°-90°   | 62.9   | 0.9       |
| 90°-100°  | 46.4   | 0.7       |
| 100°-110° | 140.5  | 2.0       |
| 110°-120° | 239.2  | 3.5       |
| 120°-130° | 314.7  | 4.6       |
| 130°-140° | 353.8  | 5.2       |
| 140°-150° | 347.8  | 5.1       |
| 150°-160° | 292.8  | 4.3       |
| 160°-170° | 194.9  | 2.8       |
| 170°-180° | 68.3   | 1.0       |
| 0°-30°    | 1524.4 | 22.2      |
| 0°-40°    | 2492.6 | 36.3      |
| 0°-60°    | 4059.8 | 59.1      |
| 0°-90°    | 4866.5 | 70.9      |
| 90°-120°  | 426.2  | 6.2       |
| 90°-150°  | 1442.5 | 21.0      |
| 90°-180°  | 1998.0 | 29.1      |
| 0°-180°   | 6865.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1612 | 1612 | 1612 | 1612 | 1612 |      |
| 5°   | 1610 | 1915 | 1615 | 1429 | 1610 | 153  |
| 15°  | 1537 | 2850 | 1549 | 1165 | 1537 | 434  |
| 25°  | 1406 | 3383 | 1409 | 1029 | 1406 | 648  |
| 35°  | 1240 | 1823 | 1232 | 945  | 1240 | 776  |
| 45°  | 1029 | 984  | 1000 | 803  | 1029 | 787  |
| 55°  | 729  | 668  | 700  | 637  | 729  | 653  |
| 65°  | 451  | 434  | 430  | 450  | 451  | 450  |
| 75°  | 217  | 223  | 203  | 240  | 217  | 233  |
| 85°  | 47   | 52   | 38   | 47   | 47   | 54   |
| 90°  | 1    | 17   | 1    | 17   | 1    | 6    |
| 95°  | 33   | 44   | 33   | 44   | 33   | 37   |
| 105° | 128  | 135  | 128  | 135  | 128  | 136  |
| 115° | 241  | 241  | 241  | 241  | 241  | 238  |
| 125° | 352  | 348  | 352  | 348  | 352  | 314  |
| 135° | 457  | 457  | 457  | 457  | 457  | 352  |
| 145° | 555  | 555  | 555  | 555  | 555  | 346  |
| 155° | 635  | 634  | 635  | 634  | 635  | 292  |
| 165° | 692  | 690  | 692  | 690  | 692  | 195  |
| 175° | 720  | 717  | 720  | 717  | 720  | 68   |
| 180° | 721  | 721  | 721  | 721  | 721  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1616.6 | 1629.1 | 1635.3 | 1644.7 | 1654.1 | 1668.1 | 1672.8 | 1680.6 | 1677.5 | 1683.8 | 1686.9 |
| 5°     | 1610.3 | 1632.2 | 1651.0 | 1674.4 | 1696.3 | 1711.9 | 1727.5 | 1752.5 | 1771.2 | 1774.3 | 1788.4 |
| 7.5°   | 1599.4 | 1630.7 | 1663.5 | 1696.3 | 1738.4 | 1763.4 | 1791.5 | 1825.9 | 1854.0 | 1899.3 | 1916.5 |
| 10°    | 1585.4 | 1629.1 | 1675.9 | 1721.2 | 1779.0 | 1818.1 | 1852.4 | 1910.2 | 1968.0 | 2014.9 | 2058.6 |
| 12.5°  | 1563.5 | 1618.2 | 1679.1 | 1746.2 | 1821.2 | 1866.5 | 1913.4 | 1989.9 | 2077.4 | 2149.2 | 2196.1 |
| 15°    | 1536.9 | 1605.7 | 1683.8 | 1755.6 | 1838.4 | 1922.7 | 1972.7 | 2058.6 | 2183.6 | 2250.7 | 2371.0 |
| 17.5°  | 1515.1 | 1585.4 | 1663.5 | 1775.9 | 1888.4 | 1972.7 | 2008.6 | 2166.4 | 2252.3 | 2364.8 | 2500.6 |
| 20°    | 1480.7 | 1569.7 | 1669.7 | 1782.2 | 1927.4 | 1979.0 | 2052.4 | 2211.7 | 2317.9 | 2464.7 | 2631.8 |
| 22.5°  | 1444.8 | 1540.1 | 1660.3 | 1777.5 | 1939.9 | 1994.6 | 2094.5 | 2221.1 | 2389.7 | 2535.0 | 2719.3 |
| 25°    | 1405.7 | 1508.8 | 1630.7 | 1769.7 | 1929.0 | 2008.6 | 2102.4 | 2258.5 | 2441.3 | 2624.0 | 2794.3 |
| 27.5°  | 1366.7 | 1479.1 | 1605.7 | 1744.7 | 1899.3 | 1993.0 | 2086.7 | 2249.2 | 2483.5 | 2681.8 | 2898.9 |
| 30°    | 1329.2 | 1441.7 | 1568.2 | 1710.3 | 1872.8 | 1963.3 | 2052.4 | 2255.4 | 2516.3 | 2739.6 | 2958.3 |
| 32.5°  | 1288.6 | 1404.2 | 1536.9 | 1655.6 | 1819.6 | 1916.5 | 2016.4 | 2255.4 | 2536.6 | 2774.0 | 2973.9 |
| 35°    | 1240.2 | 1358.9 | 1472.9 | 1591.6 | 1754.0 | 1861.8 | 1974.3 | 2239.8 | 2555.3 | 2784.9 | 2908.3 |
| 37.5°  | 1193.3 | 1298.0 | 1396.4 | 1511.9 | 1682.2 | 1797.8 | 1927.4 | 2221.1 | 2545.9 | 2738.1 | 2772.4 |
| 40°    | 1140.2 | 1244.9 | 1324.5 | 1432.3 | 1611.9 | 1746.2 | 1877.4 | 2196.1 | 2505.3 | 2627.2 | 2527.2 |
| 42.5°  | 1088.7 | 1171.4 | 1240.2 | 1344.8 | 1540.1 | 1671.3 | 1813.4 | 2150.8 | 2425.7 | 2450.7 | 2225.7 |
| 45°    | 1029.3 | 1088.7 | 1149.6 | 1268.3 | 1462.0 | 1596.3 | 1754.0 | 2085.2 | 2297.6 | 2225.7 | 1941.5 |
| 47.5°  | 952.8  | 1005.9 | 1073.0 | 1182.4 | 1379.2 | 1518.2 | 1668.1 | 2000.8 | 2111.7 | 1961.8 | 1651.0 |
| 50°    | 879.4  | 924.7  | 987.1  | 1093.3 | 1291.7 | 1427.6 | 1586.9 | 1868.1 | 1922.7 | 1686.9 | 1422.9 |
| 52.5°  | 806.0  | 840.3  | 901.2  | 1007.4 | 1205.8 | 1337.0 | 1482.3 | 1732.2 | 1700.9 | 1447.9 | 1213.6 |
| 55°    | 729.4  | 759.1  | 816.9  | 921.5  | 1105.8 | 1230.8 | 1369.8 | 1565.1 | 1483.8 | 1243.3 | 1055.9 |
| 57.5°  | 654.4  | 685.7  | 745.0  | 832.5  | 1005.9 | 1127.7 | 1238.6 | 1391.7 | 1269.8 | 1077.7 | 912.2  |
| 60°    | 587.3  | 613.8  | 659.1  | 745.0  | 902.8  | 1001.2 | 1102.7 | 1207.4 | 1105.8 | 920.0  | 793.5  |
| 62.5°  | 517.0  | 542.0  | 584.2  | 662.3  | 798.1  | 885.6  | 966.8  | 1052.7 | 940.3  | 804.4  | 691.9  |
| 65°    | 451.4  | 471.7  | 510.8  | 582.6  | 693.5  | 765.3  | 830.9  | 890.3  | 799.7  | 674.8  | 590.4  |
| 67.5°  | 392.0  | 409.2  | 442.0  | 506.1  | 599.8  | 651.3  | 704.4  | 754.4  | 677.9  | 577.9  | 506.1  |
| 70°    | 328.0  | 342.1  | 371.7  | 418.6  | 493.6  | 546.7  | 585.7  | 623.2  | 554.5  | 474.8  | 426.4  |
| 72.5°  | 271.8  | 285.8  | 304.6  | 353.0  | 404.5  | 437.3  | 479.5  | 499.8  | 460.8  | 395.2  | 346.7  |
| 75°    | 217.1  | 228.0  | 245.2  | 276.5  | 324.9  | 346.7  | 373.3  | 388.9  | 353.0  | 309.3  | 279.6  |
| 77.5°  | 170.3  | 174.9  | 187.4  | 209.3  | 242.1  | 267.1  | 287.4  | 296.8  | 271.8  | 243.7  | 218.7  |
| 80°    | 120.3  | 126.5  | 135.9  | 154.6  | 179.6  | 187.4  | 199.9  | 210.9  | 195.2  | 170.3  | 154.6  |
| 82.5°  | 79.7   | 87.5   | 92.2   | 100.0  | 115.6  | 125.0  | 128.1  | 137.4  | 123.4  | 114.0  | 107.8  |
| 85°    | 46.9   | 50.0   | 51.5   | 56.2   | 64.0   | 68.7   | 73.4   | 75.0   | 71.8   | 70.3   | 64.0   |
| 87.5°  | 23.4   | 23.4   | 23.4   | 26.6   | 28.1   | 31.2   | 32.8   | 32.8   | 32.8   | 31.2   | 29.7   |
| 90°    | 0.6    | 1.8    | 3.1    | 4.3    | 5.6    | 6.2    | 7.0    | 8.7    | 10.3   | 12.0   | 13.6   |
| 92.5°  | 17.0   | 17.8   | 18.5   | 19.3   | 20.0   | 20.4   | 20.8   | 21.5   | 22.3   | 23.0   | 23.8   |
| 95°    | 33.4   | 34.3   | 35.2   | 36.1   | 37.0   | 37.4   | 37.9   | 38.9   | 39.9   | 40.9   | 41.9   |
| 97.5°  | 55.0   | 55.6   | 56.2   | 56.9   | 57.5   | 57.8   | 58.2   | 58.9   | 59.7   | 60.4   | 61.2   |
| 100°   | 77.1   | 77.9   | 78.6   | 79.4   | 80.1   | 80.5   | 80.8   | 81.4   | 82.1   | 82.7   | 83.3   |
| 102.5° | 102.6  | 103.0  | 103.4  | 103.7  | 104.1  | 104.3  | 104.7  | 105.6  | 106.5  | 107.3  | 108.2  |
| 105°   | 127.5  | 127.7  | 128.0  | 128.2  | 128.5  | 128.6  | 129.2  | 130.3  | 131.4  | 132.6  | 133.7  |
| 107.5° | 156.9  | 157.0  | 157.2  | 157.3  | 157.4  | 157.5  | 157.8  | 158.3  | 158.8  | 159.3  | 159.8  |
| 110°   | 184.1  | 184.4  | 184.6  | 184.9  | 185.2  | 185.3  | 185.4  | 185.7  | 185.9  | 186.2  | 186.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 212.5 | 212.6 | 212.7 | 212.8 | 212.9 | 213.0 | 213.0 | 213.0 | 213.0 | 213.0 | 213.0 |
| 115°   | 240.8 | 241.2 | 241.6 | 241.9 | 242.3 | 242.5 | 242.4 | 242.1 | 241.9 | 241.6 | 241.4 |
| 117.5° | 269.7 | 269.8 | 270.0 | 270.1 | 270.2 | 270.3 | 270.2 | 269.9 | 269.6 | 269.4 | 269.1 |
| 120°   | 296.3 | 297.1 | 297.8 | 298.6 | 299.3 | 299.7 | 299.4 | 298.8 | 298.1 | 297.5 | 296.9 |
| 122.5° | 324.1 | 324.6 | 325.1 | 325.6 | 326.1 | 326.4 | 326.3 | 326.0 | 325.7 | 325.5 | 325.2 |
| 125°   | 352.4 | 352.8 | 353.2 | 353.5 | 353.9 | 354.1 | 354.0 | 353.7 | 353.5 | 353.2 | 353.0 |
| 127.5° | 378.5 | 379.3 | 380.0 | 380.8 | 381.5 | 381.9 | 381.8 | 381.5 | 381.2 | 381.0 | 380.7 |
| 130°   | 404.5 | 405.5 | 406.5 | 407.6 | 408.6 | 409.1 | 408.9 | 408.5 | 408.2 | 407.8 | 407.4 |
| 132.5° | 430.6 | 431.6 | 432.6 | 433.6 | 434.6 | 435.1 | 435.0 | 434.7 | 434.5 | 434.2 | 434.0 |
| 135°   | 457.2 | 458.0 | 458.7 | 459.5 | 460.2 | 460.6 | 460.5 | 460.4 | 460.3 | 460.2 | 460.1 |
| 137.5° | 481.6 | 482.2 | 482.8 | 483.5 | 484.1 | 484.4 | 484.6 | 485.0 | 485.3 | 485.7 | 486.1 |
| 140°   | 507.1 | 507.7 | 508.3 | 509.0 | 509.6 | 509.9 | 510.0 | 510.1 | 510.2 | 510.4 | 510.5 |
| 142.5° | 530.3 | 530.9 | 531.6 | 532.2 | 532.9 | 533.2 | 533.3 | 533.6 | 533.8 | 534.1 | 534.3 |
| 145°   | 554.7 | 554.9 | 555.2 | 555.4 | 555.7 | 555.8 | 556.0 | 556.4 | 556.7 | 557.1 | 557.5 |
| 147.5° | 575.6 | 576.1 | 576.6 | 577.1 | 577.6 | 577.9 | 578.1 | 578.5 | 578.8 | 579.2 | 579.6 |
| 150°   | 597.7 | 598.0 | 598.2 | 598.5 | 598.8 | 598.9 | 599.0 | 599.3 | 599.5 | 599.8 | 600.0 |
| 152.5° | 615.9 | 616.3 | 616.7 | 617.0 | 617.4 | 617.6 | 617.7 | 617.8 | 617.9 | 618.0 | 618.1 |
| 155°   | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.2 | 635.3 | 635.4 | 635.6 | 635.7 |
| 157.5° | 651.6 | 651.5 | 651.3 | 651.2 | 651.1 | 651.0 | 651.1 | 651.2 | 651.3 | 651.5 | 651.6 |
| 160°   | 666.9 | 666.6 | 666.4 | 666.1 | 665.8 | 665.7 | 665.7 | 665.7 | 665.7 | 665.7 | 665.7 |
| 162.5° | 680.5 | 680.1 | 679.7 | 679.4 | 679.0 | 678.8 | 678.9 | 679.0 | 679.1 | 679.2 | 679.3 |
| 165°   | 691.8 | 691.4 | 691.0 | 690.7 | 690.3 | 690.1 | 690.1 | 690.1 | 690.1 | 690.1 | 690.1 |
| 167.5° | 701.4 | 700.9 | 700.4 | 699.9 | 699.4 | 699.2 | 699.3 | 699.4 | 699.5 | 699.6 | 699.7 |
| 170°   | 709.4 | 708.9 | 708.4 | 707.9 | 707.4 | 707.1 | 707.1 | 707.1 | 707.1 | 707.1 | 707.1 |
| 172.5° | 715.6 | 715.1 | 714.6 | 714.1 | 713.6 | 713.3 | 713.3 | 713.3 | 713.3 | 713.3 | 713.3 |
| 175°   | 719.6 | 719.1 | 718.6 | 718.1 | 717.6 | 717.3 | 717.3 | 717.3 | 717.3 | 717.3 | 717.3 |
| 177.5° | 721.8 | 721.3 | 720.8 | 720.3 | 719.8 | 719.6 | 719.6 | 719.6 | 719.6 | 719.6 | 719.6 |
| 180°   | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1697.8 | 1700.9 | 1711.9 | 1719.7 | 1735.3 | 1733.7 | 1733.7 | 1732.2 | 1727.5 | 1735.3 | 1740.0 |
| 5°     | 1816.5 | 1843.1 | 1846.2 | 1880.6 | 1882.1 | 1896.2 | 1905.6 | 1897.7 | 1916.5 | 1914.9 | 1900.9 |
| 7.5°   | 1963.3 | 1999.3 | 2016.4 | 2049.2 | 2086.7 | 2077.4 | 2113.3 | 2119.5 | 2116.4 | 2132.0 | 2143.0 |
| 10°    | 2124.2 | 2186.7 | 2230.4 | 2291.3 | 2307.0 | 2316.3 | 2339.8 | 2360.1 | 2400.7 | 2369.4 | 2389.7 |
| 12.5°  | 2308.5 | 2353.8 | 2411.6 | 2508.5 | 2556.9 | 2588.1 | 2599.0 | 2613.1 | 2641.2 | 2624.0 | 2625.6 |
| 15°    | 2463.2 | 2524.1 | 2622.5 | 2742.7 | 2756.8 | 2795.8 | 2786.5 | 2870.8 | 2911.4 | 2850.5 | 2884.9 |
| 17.5°  | 2624.0 | 2705.3 | 2822.4 | 2927.1 | 2986.4 | 3013.0 | 3037.9 | 3119.2 | 3116.0 | 3106.7 | 3114.5 |
| 20°    | 2727.1 | 2859.9 | 3005.1 | 3144.2 | 3161.3 | 3181.6 | 3248.8 | 3283.2 | 3276.9 | 3303.5 | 3320.7 |
| 22.5°  | 2872.4 | 3013.0 | 3167.6 | 3259.7 | 3298.8 | 3322.2 | 3375.3 | 3397.2 | 3406.6 | 3412.8 | 3401.9 |
| 25°    | 2994.2 | 3144.2 | 3258.2 | 3339.4 | 3362.8 | 3375.3 | 3392.5 | 3398.8 | 3394.1 | 3383.1 | 3392.5 |
| 27.5°  | 3077.0 | 3197.3 | 3275.4 | 3312.8 | 3300.4 | 3280.0 | 3247.2 | 3225.4 | 3177.0 | 3153.5 | 3181.6 |
| 30°    | 3111.4 | 3164.5 | 3187.9 | 3125.4 | 3062.9 | 3013.0 | 2950.5 | 2834.9 | 2744.3 | 2770.9 | 2734.9 |
| 32.5°  | 3056.7 | 3022.3 | 2909.9 | 2749.0 | 2700.6 | 2619.4 | 2442.9 | 2307.0 | 2311.7 | 2239.8 | 2269.5 |
| 35°    | 2895.8 | 2739.6 | 2527.2 | 2283.5 | 2219.5 | 2175.8 | 1982.1 | 1952.4 | 1889.9 | 1822.8 | 1841.5 |
| 37.5°  | 2611.5 | 2383.5 | 2125.8 | 1946.2 | 1850.9 | 1755.6 | 1646.3 | 1580.7 | 1543.2 | 1515.1 | 1536.9 |
| 40°    | 2264.8 | 1986.8 | 1774.3 | 1613.5 | 1532.3 | 1471.3 | 1396.4 | 1330.8 | 1288.6 | 1283.9 | 1291.7 |
| 42.5°  | 1924.3 | 1690.0 | 1494.8 | 1341.7 | 1315.1 | 1243.3 | 1194.9 | 1143.3 | 1130.8 | 1110.5 | 1121.5 |
| 45°    | 1629.1 | 1438.5 | 1277.7 | 1152.7 | 1121.5 | 1102.7 | 1043.4 | 1010.6 | 996.5  | 984.0  | 1002.8 |
| 47.5°  | 1415.1 | 1215.2 | 1098.0 | 1023.1 | 991.8  | 960.6  | 927.8  | 905.9  | 895.0  | 896.5  | 895.0  |
| 50°    | 1208.9 | 1062.1 | 959.0  | 901.2  | 882.5  | 860.6  | 834.1  | 820.0  | 815.3  | 801.3  | 812.2  |
| 52.5°  | 1040.2 | 934.0  | 862.2  | 807.5  | 793.5  | 777.8  | 756.0  | 748.2  | 737.2  | 734.1  | 734.1  |
| 55°    | 904.4  | 821.6  | 763.8  | 727.9  | 710.7  | 698.2  | 685.7  | 676.3  | 668.5  | 668.5  | 668.5  |
| 57.5°  | 798.1  | 726.3  | 684.1  | 652.9  | 646.6  | 634.1  | 620.1  | 620.1  | 609.2  | 607.6  | 612.3  |
| 60°    | 707.6  | 643.5  | 610.7  | 584.2  | 574.8  | 571.7  | 557.6  | 557.6  | 554.5  | 546.7  | 552.9  |
| 62.5°  | 615.4  | 568.5  | 540.4  | 520.1  | 510.8  | 510.8  | 499.8  | 492.0  | 492.0  | 493.6  | 490.4  |
| 65°    | 531.1  | 496.7  | 471.7  | 456.1  | 451.4  | 445.1  | 443.6  | 437.3  | 432.7  | 434.2  | 432.7  |
| 67.5°  | 456.1  | 429.5  | 412.3  | 399.9  | 392.0  | 388.9  | 384.2  | 384.2  | 381.1  | 382.7  | 374.9  |
| 70°    | 388.9  | 362.4  | 348.3  | 335.8  | 332.7  | 332.7  | 326.4  | 328.0  | 324.9  | 329.6  | 326.4  |
| 72.5°  | 320.2  | 299.9  | 289.0  | 284.3  | 281.1  | 279.6  | 276.5  | 273.3  | 271.8  | 274.9  | 273.3  |
| 75°    | 259.3  | 242.1  | 234.3  | 231.2  | 228.0  | 228.0  | 226.5  | 224.9  | 223.4  | 223.4  | 223.4  |
| 77.5°  | 201.5  | 190.6  | 181.2  | 184.3  | 179.6  | 181.2  | 176.5  | 176.5  | 178.1  | 176.5  | 176.5  |
| 80°    | 148.4  | 140.6  | 140.6  | 137.4  | 131.2  | 134.3  | 134.3  | 129.6  | 128.1  | 131.2  | 126.5  |
| 82.5°  | 98.4   | 96.8   | 93.7   | 92.2   | 89.0   | 90.6   | 89.0   | 87.5   | 85.9   | 89.0   | 85.9   |
| 85°    | 57.8   | 57.8   | 56.2   | 53.1   | 56.2   | 54.7   | 53.1   | 53.1   | 51.5   | 51.5   | 51.5   |
| 87.5°  | 29.7   | 26.6   | 26.6   | 25.0   | 26.6   | 23.4   | 25.0   | 23.4   | 21.9   | 23.4   | 21.9   |
| 90°    | 14.1   | 14.6   | 15.1   | 15.6   | 15.9   | 16.0   | 16.3   | 16.5   | 16.8   | 17.0   | 16.8   |
| 92.5°  | 24.2   | 24.6   | 24.9   | 25.3   | 25.5   | 25.4   | 25.1   | 24.9   | 24.6   | 24.4   | 24.6   |
| 95°    | 42.4   | 42.9   | 43.4   | 43.9   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   |
| 97.5°  | 61.8   | 62.4   | 63.1   | 63.7   | 64.0   | 63.9   | 63.8   | 63.7   | 63.6   | 63.5   | 63.6   |
| 100°   | 83.7   | 84.1   | 84.4   | 84.8   | 85.0   | 85.1   | 85.4   | 85.6   | 85.9   | 86.1   | 85.9   |
| 102.5° | 108.6  | 109.0  | 109.3  | 109.7  | 109.9  | 109.8  | 109.7  | 109.6  | 109.5  | 109.4  | 109.5  |
| 105°   | 133.7  | 133.7  | 133.7  | 133.7  | 133.7  | 133.8  | 134.1  | 134.3  | 134.6  | 134.8  | 134.6  |
| 107.5° | 160.2  | 160.6  | 160.9  | 161.3  | 161.5  | 161.4  | 161.3  | 161.2  | 161.0  | 160.9  | 161.0  |
| 110°   | 186.9  | 187.4  | 187.9  | 188.4  | 188.7  | 188.6  | 188.3  | 188.0  | 187.8  | 187.5  | 187.8  |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 213.6 | 214.3 | 214.9 | 215.6 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 |
| 115°   | 241.5 | 241.6 | 241.7 | 241.8 | 241.9 | 241.8 | 241.7 | 241.6 | 241.5 | 241.4 | 241.5 |
| 117.5° | 269.1 | 269.1 | 269.1 | 269.1 | 269.1 | 268.9 | 268.5 | 268.2 | 267.8 | 267.4 | 267.8 |
| 120°   | 296.8 | 296.6 | 296.5 | 296.4 | 296.3 | 296.2 | 295.9 | 295.7 | 295.4 | 295.2 | 295.4 |
| 122.5° | 324.8 | 324.4 | 324.1 | 323.7 | 323.5 | 323.3 | 322.9 | 322.6 | 322.2 | 321.8 | 322.2 |
| 125°   | 352.5 | 352.0 | 351.5 | 351.0 | 350.7 | 350.4 | 349.9 | 349.4 | 348.9 | 348.4 | 348.9 |
| 127.5° | 379.9 | 379.2 | 378.4 | 377.7 | 377.3 | 377.1 | 376.6 | 376.1 | 375.6 | 375.1 | 375.6 |
| 130°   | 406.9 | 406.4 | 405.9 | 405.4 | 405.1 | 404.7 | 403.8 | 402.9 | 402.0 | 401.1 | 402.0 |
| 132.5° | 433.4 | 432.8 | 432.1 | 431.5 | 431.2 | 430.9 | 430.2 | 429.6 | 428.9 | 428.3 | 428.9 |
| 135°   | 459.6 | 459.1 | 458.6 | 458.1 | 457.8 | 457.7 | 457.4 | 457.2 | 456.9 | 456.7 | 456.9 |
| 137.5° | 485.5 | 484.9 | 484.2 | 483.6 | 483.3 | 483.1 | 482.7 | 482.4 | 482.0 | 481.6 | 482.0 |
| 140°   | 510.4 | 510.2 | 510.1 | 510.0 | 509.9 | 509.5 | 508.6 | 507.7 | 506.9 | 506.0 | 506.9 |
| 142.5° | 534.2 | 534.0 | 533.9 | 533.8 | 533.7 | 533.4 | 532.8 | 532.1 | 531.5 | 530.9 | 531.5 |
| 145°   | 557.4 | 557.2 | 557.1 | 557.0 | 556.9 | 556.7 | 556.2 | 555.7 | 555.2 | 554.7 | 555.2 |
| 147.5° | 579.6 | 579.6 | 579.6 | 579.6 | 579.6 | 579.2 | 578.5 | 577.7 | 577.0 | 576.2 | 577.0 |
| 150°   | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 599.6 | 598.9 | 598.1 | 597.4 | 596.6 | 597.4 |
| 152.5° | 618.4 | 618.6 | 618.9 | 619.2 | 619.3 | 619.0 | 618.3 | 617.7 | 617.0 | 616.4 | 617.0 |
| 155°   | 636.2 | 636.7 | 637.2 | 637.7 | 638.0 | 637.6 | 636.7 | 635.8 | 634.9 | 634.0 | 634.9 |
| 157.5° | 652.1 | 652.6 | 653.1 | 653.6 | 653.8 | 653.4 | 652.7 | 651.9 | 651.2 | 650.4 | 651.2 |
| 160°   | 666.3 | 667.0 | 667.6 | 668.3 | 668.6 | 668.3 | 667.8 | 667.3 | 666.8 | 666.3 | 666.8 |
| 162.5° | 679.9 | 680.6 | 681.2 | 681.9 | 682.2 | 681.8 | 680.9 | 680.0 | 679.1 | 678.2 | 679.1 |
| 165°   | 690.9 | 691.6 | 692.4 | 693.1 | 693.5 | 693.1 | 692.2 | 691.3 | 690.4 | 689.5 | 690.4 |
| 167.5° | 700.5 | 701.2 | 702.0 | 702.7 | 703.1 | 702.7 | 702.0 | 701.2 | 700.5 | 699.7 | 700.5 |
| 170°   | 708.0 | 708.9 | 709.8 | 710.7 | 711.1 | 710.7 | 709.8 | 708.9 | 708.0 | 707.1 | 708.0 |
| 172.5° | 714.1 | 714.8 | 715.6 | 716.3 | 716.7 | 716.3 | 715.4 | 714.5 | 713.7 | 712.8 | 713.7 |
| 175°   | 718.1 | 718.8 | 719.6 | 720.3 | 720.7 | 720.3 | 719.4 | 718.5 | 717.6 | 716.7 | 717.6 |
| 177.5° | 720.4 | 721.1 | 721.9 | 722.6 | 723.0 | 722.6 | 721.7 | 720.8 | 719.9 | 719.0 | 719.9 |
| 180°   | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 |

TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1727.5 | 1732.2 | 1719.7 | 1716.6 | 1716.6 | 1722.8 | 1718.1 | 1675.9 | 1683.8 | 1674.4 | 1671.3 |
| 5°     | 1918.0 | 1908.7 | 1896.2 | 1889.9 | 1882.1 | 1860.3 | 1858.7 | 1810.3 | 1800.9 | 1769.7 | 1755.6 |
| 7.5°   | 2127.3 | 2119.5 | 2082.0 | 2077.4 | 2074.2 | 2053.9 | 2002.4 | 1950.8 | 1913.4 | 1877.4 | 1843.1 |
| 10°    | 2366.3 | 2342.9 | 2325.7 | 2291.3 | 2274.2 | 2246.1 | 2178.9 | 2130.5 | 2066.4 | 2011.8 | 1939.9 |
| 12.5°  | 2653.7 | 2627.2 | 2569.4 | 2544.4 | 2522.5 | 2444.4 | 2377.3 | 2322.6 | 2197.6 | 2160.1 | 2071.1 |
| 15°    | 2864.6 | 2808.3 | 2802.1 | 2747.4 | 2744.3 | 2658.4 | 2530.3 | 2471.0 | 2374.1 | 2236.7 | 2144.5 |
| 17.5°  | 3092.6 | 3042.6 | 3003.6 | 2938.0 | 2928.6 | 2847.4 | 2753.7 | 2608.4 | 2502.2 | 2371.0 | 2253.9 |
| 20°    | 3259.7 | 3233.2 | 3166.0 | 3139.5 | 3084.8 | 3016.1 | 2919.2 | 2739.6 | 2610.0 | 2478.8 | 2335.1 |
| 22.5°  | 3392.5 | 3366.0 | 3312.8 | 3276.9 | 3245.7 | 3156.7 | 3041.1 | 2888.0 | 2709.9 | 2538.1 | 2389.7 |
| 25°    | 3390.9 | 3383.1 | 3361.3 | 3344.1 | 3320.7 | 3255.1 | 3158.2 | 3011.4 | 2813.0 | 2624.0 | 2417.9 |
| 27.5°  | 3198.8 | 3220.7 | 3258.2 | 3276.9 | 3272.2 | 3262.9 | 3208.2 | 3084.8 | 2906.7 | 2681.8 | 2450.7 |
| 30°    | 2799.0 | 2878.6 | 2948.9 | 3042.6 | 3070.7 | 3139.5 | 3170.7 | 3100.4 | 2958.3 | 2749.0 | 2492.8 |
| 32.5°  | 2321.0 | 2436.6 | 2589.7 | 2641.2 | 2730.2 | 2863.0 | 3011.4 | 3037.9 | 2948.9 | 2788.0 | 2519.4 |
| 35°    | 1904.0 | 1999.3 | 2118.0 | 2199.2 | 2278.9 | 2494.4 | 2681.8 | 2844.3 | 2873.9 | 2767.7 | 2513.1 |
| 37.5°  | 1576.0 | 1643.1 | 1747.8 | 1816.5 | 1889.9 | 2074.2 | 2336.6 | 2547.5 | 2695.9 | 2699.0 | 2496.0 |
| 40°    | 1338.6 | 1368.2 | 1458.8 | 1508.8 | 1579.1 | 1738.4 | 1972.7 | 2247.6 | 2464.7 | 2564.7 | 2450.7 |
| 42.5°  | 1134.0 | 1173.0 | 1248.0 | 1285.5 | 1330.8 | 1469.8 | 1624.4 | 1885.2 | 2153.9 | 2367.9 | 2366.3 |
| 45°    | 1012.1 | 1040.2 | 1074.6 | 1105.8 | 1157.4 | 1240.2 | 1416.7 | 1611.9 | 1869.6 | 2111.7 | 2207.0 |
| 47.5°  | 904.4  | 930.9  | 965.3  | 974.6  | 1009.0 | 1087.1 | 1194.9 | 1365.1 | 1605.7 | 1846.2 | 2025.8 |
| 50°    | 813.8  | 835.6  | 859.1  | 876.2  | 891.9  | 955.9  | 1037.1 | 1180.8 | 1372.9 | 1605.7 | 1829.0 |
| 52.5°  | 743.5  | 759.1  | 779.4  | 788.8  | 802.8  | 849.7  | 912.2  | 1018.4 | 1176.1 | 1388.6 | 1605.7 |
| 55°    | 677.9  | 688.8  | 701.3  | 716.9  | 723.2  | 757.5  | 806.0  | 896.5  | 1013.7 | 1204.2 | 1410.4 |
| 57.5°  | 617.0  | 621.6  | 629.5  | 638.8  | 646.6  | 676.3  | 718.5  | 779.4  | 882.5  | 1029.3 | 1224.6 |
| 60°    | 548.2  | 560.7  | 565.4  | 574.8  | 579.5  | 602.9  | 635.7  | 687.2  | 766.9  | 893.4  | 1040.2 |
| 62.5°  | 490.4  | 498.3  | 506.1  | 510.8  | 521.7  | 529.5  | 556.0  | 602.9  | 668.5  | 762.2  | 895.0  |
| 65°    | 438.9  | 442.0  | 446.7  | 451.4  | 454.5  | 463.9  | 488.9  | 520.1  | 570.1  | 652.9  | 756.0  |
| 67.5°  | 379.5  | 382.7  | 388.9  | 390.5  | 393.6  | 406.1  | 420.2  | 446.7  | 488.9  | 551.4  | 635.7  |
| 70°    | 321.8  | 326.4  | 329.6  | 332.7  | 337.4  | 342.1  | 357.7  | 379.5  | 412.3  | 456.1  | 521.7  |
| 72.5°  | 271.8  | 276.5  | 276.5  | 279.6  | 278.0  | 284.3  | 299.9  | 315.5  | 337.4  | 373.3  | 431.1  |
| 75°    | 221.8  | 221.8  | 224.9  | 226.5  | 228.0  | 234.3  | 240.5  | 253.0  | 270.2  | 298.3  | 334.3  |
| 77.5°  | 174.9  | 173.4  | 176.5  | 176.5  | 176.5  | 181.2  | 187.4  | 193.7  | 204.6  | 224.9  | 253.0  |
| 80°    | 128.1  | 128.1  | 131.2  | 132.8  | 129.6  | 131.2  | 134.3  | 140.6  | 148.4  | 162.4  | 178.1  |
| 82.5°  | 84.3   | 90.6   | 89.0   | 90.6   | 89.0   | 92.2   | 93.7   | 95.3   | 98.4   | 104.6  | 115.6  |
| 85°    | 51.5   | 51.5   | 51.5   | 53.1   | 51.5   | 53.1   | 53.1   | 53.1   | 54.7   | 57.8   | 62.5   |
| 87.5°  | 21.9   | 21.9   | 21.9   | 23.4   | 21.9   | 21.9   | 23.4   | 21.9   | 23.4   | 23.4   | 25.0   |
| 90°    | 16.5   | 16.3   | 16.0   | 15.9   | 15.6   | 15.1   | 14.6   | 14.1   | 13.6   | 12.0   | 10.3   |
| 92.5°  | 24.9   | 25.1   | 25.4   | 25.5   | 25.3   | 24.9   | 24.6   | 24.2   | 23.8   | 23.0   | 22.3   |
| 95°    | 44.2   | 44.2   | 44.2   | 44.2   | 43.9   | 43.4   | 42.9   | 42.4   | 41.9   | 40.9   | 39.9   |
| 97.5°  | 63.7   | 63.8   | 63.9   | 64.0   | 63.7   | 63.1   | 62.4   | 61.8   | 61.2   | 60.4   | 59.7   |
| 100°   | 85.6   | 85.4   | 85.1   | 85.0   | 84.8   | 84.4   | 84.1   | 83.7   | 83.3   | 82.7   | 82.1   |
| 102.5° | 109.6  | 109.7  | 109.8  | 109.9  | 109.7  | 109.3  | 109.0  | 108.6  | 108.2  | 107.3  | 106.5  |
| 105°   | 134.3  | 134.1  | 133.8  | 133.7  | 133.7  | 133.7  | 133.7  | 133.7  | 133.7  | 132.6  | 131.4  |
| 107.5° | 161.2  | 161.3  | 161.4  | 161.5  | 161.3  | 160.9  | 160.6  | 160.2  | 159.8  | 159.3  | 158.8  |
| 110°   | 188.0  | 188.3  | 188.6  | 188.7  | 188.4  | 187.9  | 187.4  | 186.9  | 186.4  | 186.2  | 185.9  |



TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 215.9 | 215.9 | 215.9 | 215.9  | 215.6 | 214.9 | 214.3 | 213.6 | 213.0 | 213.0 | 213.0 |
| 115°   | 241.6 | 241.7 | 241.8 | 241.9  | 241.8 | 241.7 | 241.6 | 241.5 | 241.4 | 241.6 | 241.9 |
| 117.5° | 268.2 | 268.5 | 268.9 | 269.1  | 269.1 | 269.1 | 269.1 | 269.1 | 269.1 | 269.4 | 269.6 |
| 120°   | 295.7 | 295.9 | 296.2 | 296.3  | 296.4 | 296.5 | 296.6 | 296.8 | 296.9 | 297.5 | 298.1 |
| 122.5° | 322.6 | 322.9 | 323.3 | 323.5  | 323.7 | 324.1 | 324.4 | 324.8 | 325.2 | 325.5 | 325.7 |
| 125°   | 349.4 | 349.9 | 350.4 | 350.7  | 351.0 | 351.5 | 352.0 | 352.5 | 353.0 | 353.2 | 353.5 |
| 127.5° | 376.1 | 376.6 | 377.1 | 377.3  | 377.7 | 378.4 | 379.2 | 379.9 | 380.7 | 381.0 | 381.2 |
| 130°   | 402.9 | 403.8 | 404.7 | 405.1  | 405.4 | 405.9 | 406.4 | 406.9 | 407.4 | 407.8 | 408.2 |
| 132.5° | 429.6 | 430.2 | 430.9 | 431.2  | 431.5 | 432.1 | 432.8 | 433.4 | 434.0 | 434.2 | 434.5 |
| 135°   | 457.2 | 457.4 | 457.7 | 457.8  | 458.1 | 458.6 | 459.1 | 459.6 | 460.1 | 460.2 | 460.3 |
| 137.5° | 482.4 | 482.7 | 483.1 | 483.3  | 483.6 | 484.2 | 484.9 | 485.5 | 486.1 | 485.7 | 485.3 |
| 140°   | 507.7 | 508.6 | 509.5 | 509.9  | 510.0 | 510.1 | 510.2 | 510.4 | 510.5 | 510.4 | 510.2 |
| 142.5° | 532.1 | 532.8 | 533.4 | 533.7  | 533.8 | 533.9 | 534.0 | 534.2 | 534.3 | 534.1 | 533.8 |
| 145°   | 555.7 | 556.2 | 556.7 | 556.9  | 557.0 | 557.1 | 557.2 | 557.4 | 557.5 | 557.1 | 556.7 |
| 147.5° | 577.7 | 578.5 | 579.2 | 579.6  | 579.6 | 579.6 | 579.6 | 579.6 | 579.6 | 579.2 | 578.8 |
| 150°   | 598.1 | 598.9 | 599.6 | 600.0  | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 599.8 | 599.5 |
| 152.5° | 617.7 | 618.3 | 619.0 | 619.3  | 619.2 | 618.9 | 618.6 | 618.4 | 618.1 | 618.0 | 617.9 |
| 155°   | 635.8 | 636.7 | 637.6 | 638.0  | 637.7 | 637.2 | 636.7 | 636.2 | 635.7 | 635.6 | 635.4 |
| 157.5° | 651.9 | 652.7 | 653.4 | 653.8  | 653.6 | 653.1 | 652.6 | 652.1 | 651.6 | 651.5 | 651.3 |
| 160°   | 667.3 | 667.8 | 668.3 | 668.6  | 668.3 | 667.6 | 667.0 | 666.3 | 665.7 | 665.7 | 665.7 |
| 162.5° | 680.0 | 680.9 | 681.8 | 682.2  | 681.9 | 681.2 | 680.6 | 679.9 | 679.3 | 679.2 | 679.1 |
| 165°   | 691.3 | 692.2 | 693.1 | 693.5  | 693.1 | 692.4 | 691.6 | 690.9 | 690.1 | 690.1 | 690.1 |
| 167.5° | 701.2 | 702.0 | 702.7 | 703.1  | 702.7 | 702.0 | 701.2 | 700.5 | 699.7 | 699.6 | 699.5 |
| 170°   | 708.9 | 709.8 | 710.7 | 711.1  | 710.7 | 709.8 | 708.9 | 708.0 | 707.1 | 707.1 | 707.1 |
| 172.5° | 714.5 | 715.4 | 716.3 | 716.7  | 716.3 | 715.6 | 714.8 | 714.1 | 713.3 | 713.3 | 713.3 |
| 175°   | 718.5 | 719.4 | 720.3 | 720.7  | 720.3 | 719.6 | 718.8 | 718.1 | 717.3 | 717.3 | 717.3 |
| 177.5° | 720.8 | 721.7 | 722.6 | 723.0  | 722.6 | 721.9 | 721.1 | 720.4 | 719.6 | 719.6 | 719.6 |
| 180°   | 721.3 | 721.3 | 721.3 | 721.3  | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1655.6 | 1651.0 | 1651.0 | 1647.8 | 1638.5 | 1621.3 | 1619.7 | 1622.8 | 1613.5 | 1604.1 | 1590.0 |
| 5°     | 1736.9 | 1707.2 | 1697.8 | 1688.4 | 1669.7 | 1638.5 | 1626.0 | 1615.0 | 1597.9 | 1577.5 | 1555.7 |
| 7.5°   | 1805.6 | 1763.4 | 1750.9 | 1733.7 | 1696.3 | 1652.5 | 1624.4 | 1601.0 | 1577.5 | 1549.4 | 1522.9 |
| 10°    | 1891.5 | 1830.6 | 1800.9 | 1775.9 | 1724.4 | 1663.5 | 1621.3 | 1586.9 | 1549.4 | 1515.1 | 1480.7 |
| 12.5°  | 1988.3 | 1889.9 | 1880.6 | 1819.6 | 1760.3 | 1669.7 | 1618.2 | 1568.2 | 1518.2 | 1476.0 | 1440.1 |
| 15°    | 2069.6 | 1961.8 | 1922.7 | 1882.1 | 1768.1 | 1655.6 | 1605.7 | 1549.4 | 1491.6 | 1446.3 | 1393.2 |
| 17.5°  | 2121.1 | 2032.1 | 1949.3 | 1894.6 | 1775.9 | 1675.9 | 1579.1 | 1515.1 | 1454.2 | 1391.7 | 1347.9 |
| 20°    | 2183.6 | 2053.9 | 1982.1 | 1908.7 | 1791.5 | 1660.3 | 1563.5 | 1483.8 | 1408.9 | 1352.6 | 1299.5 |
| 22.5°  | 2246.1 | 2071.1 | 2011.8 | 1932.1 | 1794.7 | 1644.7 | 1535.4 | 1455.7 | 1369.8 | 1313.6 | 1255.8 |
| 25°    | 2239.8 | 2096.1 | 1997.7 | 1930.5 | 1763.4 | 1630.7 | 1502.6 | 1408.9 | 1329.2 | 1257.4 | 1199.6 |
| 27.5°  | 2244.5 | 2068.0 | 1968.0 | 1889.9 | 1741.5 | 1610.3 | 1468.2 | 1369.8 | 1287.0 | 1212.1 | 1151.1 |
| 30°    | 2246.1 | 2025.8 | 1938.4 | 1844.6 | 1700.9 | 1561.9 | 1429.2 | 1329.2 | 1241.7 | 1160.5 | 1105.8 |
| 32.5°  | 2241.4 | 1991.5 | 1882.1 | 1797.8 | 1636.9 | 1515.1 | 1383.9 | 1277.7 | 1188.6 | 1113.7 | 1062.1 |
| 35°    | 2230.4 | 1950.8 | 1824.3 | 1718.1 | 1571.3 | 1447.9 | 1341.7 | 1232.4 | 1137.1 | 1068.4 | 1009.0 |
| 37.5°  | 2200.8 | 1907.1 | 1763.4 | 1658.8 | 1494.8 | 1369.8 | 1276.1 | 1185.5 | 1093.3 | 1012.1 | 962.1  |
| 40°    | 2178.9 | 1847.8 | 1702.5 | 1588.5 | 1412.0 | 1290.2 | 1212.1 | 1126.1 | 1035.6 | 962.1  | 913.7  |
| 42.5°  | 2128.9 | 1791.5 | 1640.0 | 1504.1 | 1330.8 | 1205.8 | 1132.4 | 1063.7 | 985.6  | 913.7  | 870.0  |
| 45°    | 2047.7 | 1730.6 | 1563.5 | 1426.0 | 1241.7 | 1123.0 | 1055.9 | 999.6  | 930.9  | 862.2  | 818.4  |
| 47.5°  | 1933.7 | 1643.1 | 1482.3 | 1344.8 | 1154.3 | 1034.0 | 966.8  | 924.7  | 870.0  | 812.2  | 774.7  |
| 50°    | 1810.3 | 1547.9 | 1399.5 | 1263.6 | 1069.9 | 952.8  | 887.2  | 848.1  | 812.2  | 759.1  | 723.2  |
| 52.5°  | 1649.4 | 1446.3 | 1304.2 | 1174.6 | 979.3  | 866.9  | 809.1  | 781.0  | 743.5  | 706.0  | 674.8  |
| 55°    | 1493.2 | 1315.1 | 1198.0 | 1074.6 | 890.3  | 785.6  | 729.4  | 699.7  | 677.9  | 646.6  | 621.6  |
| 57.5°  | 1312.0 | 1193.3 | 1085.5 | 973.1  | 807.5  | 712.2  | 659.1  | 623.2  | 609.2  | 595.1  | 571.7  |
| 60°    | 1144.9 | 1054.3 | 966.8  | 873.1  | 721.6  | 635.7  | 584.2  | 556.0  | 542.0  | 532.6  | 517.0  |
| 62.5°  | 991.8  | 921.5  | 846.6  | 771.6  | 634.1  | 556.0  | 517.0  | 488.9  | 476.4  | 474.8  | 460.8  |
| 65°    | 845.0  | 795.0  | 734.1  | 660.7  | 552.9  | 484.2  | 446.7  | 429.5  | 415.5  | 415.5  | 404.5  |
| 67.5°  | 698.2  | 663.8  | 615.4  | 563.9  | 479.5  | 415.5  | 381.1  | 365.5  | 357.7  | 357.7  | 349.9  |
| 70°    | 581.0  | 557.6  | 513.9  | 468.6  | 395.2  | 346.7  | 320.2  | 306.1  | 301.5  | 303.0  | 296.8  |
| 72.5°  | 471.7  | 446.7  | 410.8  | 378.0  | 323.3  | 287.4  | 268.7  | 253.0  | 245.2  | 246.8  | 245.2  |
| 75°    | 365.5  | 353.0  | 321.8  | 296.8  | 253.0  | 228.0  | 210.9  | 203.1  | 196.8  | 198.4  | 195.2  |
| 77.5°  | 274.9  | 256.2  | 239.0  | 221.8  | 195.2  | 174.9  | 160.9  | 153.1  | 148.4  | 148.4  | 148.4  |
| 80°    | 187.4  | 184.3  | 170.3  | 160.9  | 139.0  | 123.4  | 112.5  | 110.9  | 106.2  | 106.2  | 106.2  |
| 82.5°  | 121.8  | 114.0  | 106.2  | 100.0  | 87.5   | 78.1   | 73.4   | 70.3   | 68.7   | 67.2   | 70.3   |
| 85°    | 67.2   | 62.5   | 59.4   | 53.1   | 48.4   | 43.7   | 39.0   | 37.5   | 35.9   | 37.5   | 35.9   |
| 87.5°  | 26.6   | 21.9   | 21.9   | 20.3   | 18.7   | 17.2   | 17.2   | 14.1   | 14.1   | 12.5   | 12.5   |
| 90°    | 8.7    | 7.0    | 6.2    | 5.6    | 4.3    | 3.1    | 1.8    | 0.6    | 1.8    | 3.1    | 4.3    |
| 92.5°  | 21.5   | 20.8   | 20.4   | 20.0   | 19.3   | 18.5   | 17.8   | 17.0   | 17.8   | 18.5   | 19.3   |
| 95°    | 38.9   | 37.9   | 37.4   | 37.0   | 36.1   | 35.2   | 34.3   | 33.4   | 34.3   | 35.2   | 36.1   |
| 97.5°  | 58.9   | 58.2   | 57.8   | 57.5   | 56.9   | 56.2   | 55.6   | 55.0   | 55.6   | 56.2   | 56.9   |
| 100°   | 81.4   | 80.8   | 80.5   | 80.1   | 79.4   | 78.6   | 77.9   | 77.1   | 77.9   | 78.6   | 79.4   |
| 102.5° | 105.6  | 104.7  | 104.3  | 104.1  | 103.7  | 103.4  | 103.0  | 102.6  | 103.0  | 103.4  | 103.7  |
| 105°   | 130.3  | 129.2  | 128.6  | 128.5  | 128.2  | 128.0  | 127.7  | 127.5  | 127.7  | 128.0  | 128.2  |
| 107.5° | 158.3  | 157.8  | 157.5  | 157.4  | 157.3  | 157.2  | 157.0  | 156.9  | 157.0  | 157.2  | 157.3  |
| 110°   | 185.7  | 185.4  | 185.3  | 185.2  | 184.9  | 184.6  | 184.4  | 184.1  | 184.4  | 184.6  | 184.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 213.0 | 213.0 | 213.0  | 212.9 | 212.8 | 212.7 | 212.6 | 212.5 | 212.6 | 212.7 | 212.8 |
| 115°   | 242.1 | 242.4 | 242.5  | 242.3 | 241.9 | 241.6 | 241.2 | 240.8 | 241.2 | 241.6 | 241.9 |
| 117.5° | 269.9 | 270.2 | 270.3  | 270.2 | 270.1 | 270.0 | 269.8 | 269.7 | 269.8 | 270.0 | 270.1 |
| 120°   | 298.8 | 299.4 | 299.7  | 299.3 | 298.6 | 297.8 | 297.1 | 296.3 | 297.1 | 297.8 | 298.6 |
| 122.5° | 326.0 | 326.3 | 326.4  | 326.1 | 325.6 | 325.1 | 324.6 | 324.1 | 324.6 | 325.1 | 325.6 |
| 125°   | 353.7 | 354.0 | 354.1  | 353.9 | 353.5 | 353.2 | 352.8 | 352.4 | 352.8 | 353.2 | 353.5 |
| 127.5° | 381.5 | 381.8 | 381.9  | 381.5 | 380.8 | 380.0 | 379.3 | 378.5 | 379.3 | 380.0 | 380.8 |
| 130°   | 408.5 | 408.9 | 409.1  | 408.6 | 407.6 | 406.5 | 405.5 | 404.5 | 405.5 | 406.5 | 407.6 |
| 132.5° | 434.7 | 435.0 | 435.1  | 434.6 | 433.6 | 432.6 | 431.6 | 430.6 | 431.6 | 432.6 | 433.6 |
| 135°   | 460.4 | 460.5 | 460.6  | 460.2 | 459.5 | 458.7 | 458.0 | 457.2 | 458.0 | 458.7 | 459.5 |
| 137.5° | 485.0 | 484.6 | 484.4  | 484.1 | 483.5 | 482.8 | 482.2 | 481.6 | 482.2 | 482.8 | 483.5 |
| 140°   | 510.1 | 510.0 | 509.9  | 509.6 | 509.0 | 508.3 | 507.7 | 507.1 | 507.7 | 508.3 | 509.0 |
| 142.5° | 533.6 | 533.3 | 533.2  | 532.9 | 532.2 | 531.6 | 530.9 | 530.3 | 530.9 | 531.6 | 532.2 |
| 145°   | 556.4 | 556.0 | 555.8  | 555.7 | 555.4 | 555.2 | 554.9 | 554.7 | 554.9 | 555.2 | 555.4 |
| 147.5° | 578.5 | 578.1 | 577.9  | 577.6 | 577.1 | 576.6 | 576.1 | 575.6 | 576.1 | 576.6 | 577.1 |
| 150°   | 599.3 | 599.0 | 598.9  | 598.8 | 598.5 | 598.2 | 598.0 | 597.7 | 598.0 | 598.2 | 598.5 |
| 152.5° | 617.8 | 617.7 | 617.6  | 617.4 | 617.0 | 616.7 | 616.3 | 615.9 | 616.3 | 616.7 | 617.0 |
| 155°   | 635.3 | 635.2 | 635.1  | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 |
| 157.5° | 651.2 | 651.1 | 651.0  | 651.1 | 651.2 | 651.3 | 651.5 | 651.6 | 651.5 | 651.3 | 651.2 |
| 160°   | 665.7 | 665.7 | 665.7  | 665.8 | 666.1 | 666.4 | 666.6 | 666.9 | 666.6 | 666.4 | 666.1 |
| 162.5° | 679.0 | 678.9 | 678.8  | 679.0 | 679.4 | 679.7 | 680.1 | 680.5 | 680.1 | 679.7 | 679.4 |
| 165°   | 690.1 | 690.1 | 690.1  | 690.3 | 690.7 | 691.0 | 691.4 | 691.8 | 691.4 | 691.0 | 690.7 |
| 167.5° | 699.4 | 699.3 | 699.2  | 699.4 | 699.9 | 700.4 | 700.9 | 701.4 | 700.9 | 700.4 | 699.9 |
| 170°   | 707.1 | 707.1 | 707.1  | 707.4 | 707.9 | 708.4 | 708.9 | 709.4 | 708.9 | 708.4 | 707.9 |
| 172.5° | 713.3 | 713.3 | 713.3  | 713.6 | 714.1 | 714.6 | 715.1 | 715.6 | 715.1 | 714.6 | 714.1 |
| 175°   | 717.3 | 717.3 | 717.3  | 717.6 | 718.1 | 718.6 | 719.1 | 719.6 | 719.1 | 718.6 | 718.1 |
| 177.5° | 719.6 | 719.6 | 719.6  | 719.8 | 720.3 | 720.8 | 721.3 | 721.8 | 721.3 | 720.8 | 720.3 |
| 180°   | 721.3 | 721.3 | 721.3  | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1586.9 | 1585.4 | 1588.5 | 1579.1 | 1563.5 | 1555.7 | 1533.8 | 1529.1 | 1527.6 | 1529.1 | 1530.7 |
| 5°     | 1543.2 | 1541.6 | 1536.9 | 1521.3 | 1502.6 | 1488.5 | 1462.0 | 1460.4 | 1451.0 | 1441.7 | 1446.3 |
| 7.5°   | 1501.0 | 1494.8 | 1485.4 | 1465.1 | 1440.1 | 1424.5 | 1402.6 | 1387.0 | 1374.5 | 1366.7 | 1360.4 |
| 10°    | 1458.8 | 1449.5 | 1440.1 | 1413.5 | 1382.3 | 1358.9 | 1332.3 | 1319.8 | 1305.8 | 1299.5 | 1293.3 |
| 12.5°  | 1404.2 | 1394.8 | 1377.6 | 1346.4 | 1327.6 | 1298.0 | 1271.4 | 1258.9 | 1251.1 | 1238.6 | 1230.8 |
| 15°    | 1360.4 | 1341.7 | 1332.3 | 1299.5 | 1260.5 | 1257.4 | 1208.9 | 1205.8 | 1190.2 | 1190.2 | 1177.7 |
| 17.5°  | 1310.5 | 1296.4 | 1279.2 | 1246.4 | 1218.3 | 1190.2 | 1165.2 | 1155.8 | 1141.8 | 1138.6 | 1132.4 |
| 20°    | 1262.0 | 1243.3 | 1237.0 | 1204.2 | 1174.6 | 1140.2 | 1113.7 | 1104.3 | 1098.0 | 1091.8 | 1096.5 |
| 22.5°  | 1212.1 | 1196.4 | 1180.8 | 1151.1 | 1129.3 | 1094.9 | 1079.3 | 1069.9 | 1060.5 | 1057.4 | 1059.0 |
| 25°    | 1163.6 | 1149.6 | 1134.0 | 1104.3 | 1080.9 | 1052.7 | 1038.7 | 1034.0 | 1029.3 | 1029.3 | 1027.7 |
| 27.5°  | 1116.8 | 1102.7 | 1088.7 | 1062.1 | 1038.7 | 1018.4 | 1007.4 | 1002.8 | 998.1  | 1001.2 | 1004.3 |
| 30°    | 1068.4 | 1055.9 | 1043.4 | 1019.9 | 1001.2 | 982.5  | 976.2  | 973.1  | 971.5  | 979.3  | 979.3  |
| 32.5°  | 1024.6 | 1013.7 | 1004.3 | 982.5  | 963.7  | 948.1  | 943.4  | 945.0  | 946.5  | 951.2  | 954.3  |
| 35°    | 979.3  | 971.5  | 962.1  | 943.4  | 927.8  | 913.7  | 915.3  | 915.3  | 918.4  | 926.2  | 932.5  |
| 37.5°  | 938.7  | 927.8  | 920.0  | 904.4  | 891.9  | 879.4  | 884.1  | 888.7  | 891.9  | 901.2  | 904.4  |
| 40°    | 890.3  | 885.6  | 879.4  | 863.7  | 852.8  | 851.3  | 852.8  | 855.9  | 862.2  | 866.9  | 871.6  |
| 42.5°  | 851.3  | 845.0  | 837.2  | 824.7  | 815.3  | 816.9  | 818.4  | 821.6  | 824.7  | 832.5  | 837.2  |
| 45°    | 807.5  | 802.8  | 796.6  | 785.6  | 777.8  | 779.4  | 781.0  | 781.0  | 784.1  | 793.5  | 796.6  |
| 47.5°  | 759.1  | 760.7  | 752.8  | 741.9  | 737.2  | 737.2  | 737.2  | 740.4  | 748.2  | 751.3  | 752.8  |
| 50°    | 712.2  | 709.1  | 707.6  | 696.6  | 693.5  | 691.9  | 693.5  | 695.1  | 706.0  | 704.4  | 709.1  |
| 52.5°  | 662.3  | 662.3  | 660.7  | 654.4  | 649.8  | 649.8  | 646.6  | 654.4  | 657.6  | 660.7  | 665.4  |
| 55°    | 613.8  | 609.2  | 607.6  | 604.5  | 598.2  | 596.7  | 599.8  | 609.2  | 612.3  | 615.4  | 620.1  |
| 57.5°  | 560.7  | 560.7  | 557.6  | 552.9  | 552.9  | 552.9  | 552.9  | 559.2  | 563.9  | 567.0  | 576.4  |
| 60°    | 512.3  | 506.1  | 501.4  | 501.4  | 501.4  | 499.8  | 509.2  | 509.2  | 518.6  | 520.1  | 523.2  |
| 62.5°  | 454.5  | 451.4  | 448.3  | 449.8  | 448.3  | 451.4  | 454.5  | 460.8  | 462.3  | 467.0  | 471.7  |
| 65°    | 399.9  | 399.9  | 396.7  | 406.1  | 399.9  | 399.9  | 407.7  | 407.7  | 410.8  | 415.5  | 421.7  |
| 67.5°  | 346.7  | 348.3  | 345.2  | 345.2  | 348.3  | 349.9  | 351.4  | 357.7  | 359.2  | 365.5  | 373.3  |
| 70°    | 292.1  | 295.2  | 296.8  | 293.6  | 296.8  | 299.9  | 303.0  | 304.6  | 310.8  | 313.9  | 318.6  |
| 72.5°  | 243.7  | 246.8  | 242.1  | 243.7  | 245.2  | 248.3  | 249.9  | 253.0  | 256.2  | 265.5  | 268.7  |
| 75°    | 195.2  | 193.7  | 192.1  | 198.4  | 195.2  | 201.5  | 203.1  | 203.1  | 206.2  | 214.0  | 217.1  |
| 77.5°  | 149.9  | 149.9  | 151.5  | 148.4  | 153.1  | 151.5  | 153.1  | 157.8  | 162.4  | 162.4  | 174.9  |
| 80°    | 104.6  | 107.8  | 107.8  | 107.8  | 109.3  | 110.9  | 107.8  | 115.6  | 117.1  | 117.1  | 121.8  |
| 82.5°  | 67.2   | 68.7   | 67.2   | 70.3   | 70.3   | 73.4   | 71.8   | 73.4   | 76.5   | 79.7   | 81.2   |
| 85°    | 35.9   | 35.9   | 39.0   | 39.0   | 37.5   | 39.0   | 37.5   | 39.0   | 42.2   | 42.2   | 43.7   |
| 87.5°  | 12.5   | 12.5   | 12.5   | 12.5   | 14.1   | 12.5   | 14.1   | 14.1   | 12.5   | 12.5   | 17.2   |
| 90°    | 5.6    | 6.2    | 7.0    | 8.7    | 10.3   | 12.0   | 13.6   | 14.1   | 14.6   | 15.1   | 15.6   |
| 92.5°  | 20.0   | 20.4   | 20.8   | 21.5   | 22.3   | 23.0   | 23.8   | 24.2   | 24.6   | 24.9   | 25.3   |
| 95°    | 37.0   | 37.4   | 37.9   | 38.9   | 39.9   | 40.9   | 41.9   | 42.4   | 42.9   | 43.4   | 43.9   |
| 97.5°  | 57.5   | 57.8   | 58.2   | 58.9   | 59.7   | 60.4   | 61.2   | 61.8   | 62.4   | 63.1   | 63.7   |
| 100°   | 80.1   | 80.5   | 80.8   | 81.4   | 82.1   | 82.7   | 83.3   | 83.7   | 84.1   | 84.4   | 84.8   |
| 102.5° | 104.1  | 104.3  | 104.7  | 105.6  | 106.5  | 107.3  | 108.2  | 108.6  | 109.0  | 109.3  | 109.7  |
| 105°   | 128.5  | 128.6  | 129.2  | 130.3  | 131.4  | 132.6  | 133.7  | 133.7  | 133.7  | 133.7  | 133.7  |
| 107.5° | 157.4  | 157.5  | 157.8  | 158.3  | 158.8  | 159.3  | 159.8  | 160.2  | 160.6  | 160.9  | 161.3  |
| 110°   | 185.2  | 185.3  | 185.4  | 185.7  | 185.9  | 186.2  | 186.4  | 186.9  | 187.4  | 187.9  | 188.4  |

TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 212.9 | 213.0  | 213.0 | 213.0 | 213.0 | 213.0 | 213.0 | 213.6 | 214.3 | 214.9 | 215.6 |
| 115°   | 242.3 | 242.5  | 242.4 | 242.1 | 241.9 | 241.6 | 241.4 | 241.5 | 241.6 | 241.7 | 241.8 |
| 117.5° | 270.2 | 270.3  | 270.2 | 269.9 | 269.6 | 269.4 | 269.1 | 269.1 | 269.1 | 269.1 | 269.1 |
| 120°   | 299.3 | 299.7  | 299.4 | 298.8 | 298.1 | 297.5 | 296.9 | 296.8 | 296.6 | 296.5 | 296.4 |
| 122.5° | 326.1 | 326.4  | 326.3 | 326.0 | 325.7 | 325.5 | 325.2 | 324.8 | 324.4 | 324.1 | 323.7 |
| 125°   | 353.9 | 354.1  | 354.0 | 353.7 | 353.5 | 353.2 | 353.0 | 352.5 | 352.0 | 351.5 | 351.0 |
| 127.5° | 381.5 | 381.9  | 381.8 | 381.5 | 381.2 | 381.0 | 380.7 | 379.9 | 379.2 | 378.4 | 377.7 |
| 130°   | 408.6 | 409.1  | 408.9 | 408.5 | 408.2 | 407.8 | 407.4 | 406.9 | 406.4 | 405.9 | 405.4 |
| 132.5° | 434.6 | 435.1  | 435.0 | 434.7 | 434.5 | 434.2 | 434.0 | 433.4 | 432.8 | 432.1 | 431.5 |
| 135°   | 460.2 | 460.6  | 460.5 | 460.4 | 460.3 | 460.2 | 460.1 | 459.6 | 459.1 | 458.6 | 458.1 |
| 137.5° | 484.1 | 484.4  | 484.6 | 485.0 | 485.3 | 485.7 | 486.1 | 485.5 | 484.9 | 484.2 | 483.6 |
| 140°   | 509.6 | 509.9  | 510.0 | 510.1 | 510.2 | 510.4 | 510.5 | 510.4 | 510.2 | 510.1 | 510.0 |
| 142.5° | 532.9 | 533.2  | 533.3 | 533.6 | 533.8 | 534.1 | 534.3 | 534.2 | 534.0 | 533.9 | 533.8 |
| 145°   | 555.7 | 555.8  | 556.0 | 556.4 | 556.7 | 557.1 | 557.5 | 557.4 | 557.2 | 557.1 | 557.0 |
| 147.5° | 577.6 | 577.9  | 578.1 | 578.5 | 578.8 | 579.2 | 579.6 | 579.6 | 579.6 | 579.6 | 579.6 |
| 150°   | 598.8 | 598.9  | 599.0 | 599.3 | 599.5 | 599.8 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 |
| 152.5° | 617.4 | 617.6  | 617.7 | 617.8 | 617.9 | 618.0 | 618.1 | 618.4 | 618.6 | 618.9 | 619.2 |
| 155°   | 635.1 | 635.1  | 635.2 | 635.3 | 635.4 | 635.6 | 635.7 | 636.2 | 636.7 | 637.2 | 637.7 |
| 157.5° | 651.1 | 651.0  | 651.1 | 651.2 | 651.3 | 651.5 | 651.6 | 652.1 | 652.6 | 653.1 | 653.6 |
| 160°   | 665.8 | 665.7  | 665.7 | 665.7 | 665.7 | 665.7 | 665.7 | 666.3 | 667.0 | 667.6 | 668.3 |
| 162.5° | 679.0 | 678.8  | 678.9 | 679.0 | 679.1 | 679.2 | 679.3 | 679.9 | 680.6 | 681.2 | 681.9 |
| 165°   | 690.3 | 690.1  | 690.1 | 690.1 | 690.1 | 690.1 | 690.1 | 690.9 | 691.6 | 692.4 | 693.1 |
| 167.5° | 699.4 | 699.2  | 699.3 | 699.4 | 699.5 | 699.6 | 699.7 | 700.5 | 701.2 | 702.0 | 702.7 |
| 170°   | 707.4 | 707.1  | 707.1 | 707.1 | 707.1 | 707.1 | 707.1 | 708.0 | 708.9 | 709.8 | 710.7 |
| 172.5° | 713.6 | 713.3  | 713.3 | 713.3 | 713.3 | 713.3 | 713.3 | 714.1 | 714.8 | 715.6 | 716.3 |
| 175°   | 717.6 | 717.3  | 717.3 | 717.3 | 717.3 | 717.3 | 717.3 | 718.1 | 718.8 | 719.6 | 720.3 |
| 177.5° | 719.8 | 719.6  | 719.6 | 719.6 | 719.6 | 719.6 | 719.6 | 720.4 | 721.1 | 721.9 | 722.6 |
| 180°   | 721.3 | 721.3  | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 |

TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1529.1 | 1530.7 | 1524.4 | 1519.8 | 1532.3 | 1524.4 | 1524.4 | 1526.0 | 1522.9 | 1527.6 | 1526.0 |
| 5°     | 1443.2 | 1444.8 | 1433.8 | 1437.0 | 1430.7 | 1429.2 | 1427.6 | 1437.0 | 1435.4 | 1433.8 | 1437.0 |
| 7.5°   | 1358.9 | 1358.9 | 1354.2 | 1351.1 | 1351.1 | 1346.4 | 1352.6 | 1351.1 | 1354.2 | 1354.2 | 1358.9 |
| 10°    | 1288.6 | 1291.7 | 1283.9 | 1276.1 | 1274.5 | 1276.1 | 1276.1 | 1277.7 | 1279.2 | 1290.2 | 1288.6 |
| 12.5°  | 1230.8 | 1226.1 | 1224.6 | 1219.9 | 1212.1 | 1208.9 | 1205.8 | 1223.0 | 1218.3 | 1218.3 | 1218.3 |
| 15°    | 1166.8 | 1177.7 | 1176.1 | 1162.1 | 1159.0 | 1165.2 | 1162.1 | 1162.1 | 1177.7 | 1176.1 | 1174.6 |
| 17.5°  | 1132.4 | 1129.3 | 1126.1 | 1118.3 | 1119.9 | 1118.3 | 1119.9 | 1119.9 | 1129.3 | 1129.3 | 1129.3 |
| 20°    | 1093.3 | 1087.1 | 1087.1 | 1084.0 | 1084.0 | 1079.3 | 1085.5 | 1087.1 | 1093.3 | 1093.3 | 1094.9 |
| 22.5°  | 1059.0 | 1054.3 | 1054.3 | 1052.7 | 1055.9 | 1049.6 | 1055.9 | 1057.4 | 1057.4 | 1062.1 | 1062.1 |
| 25°    | 1029.3 | 1026.2 | 1026.2 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1035.6 | 1030.9 | 1032.4 | 1030.9 |
| 27.5°  | 1002.8 | 1004.3 | 1005.9 | 1007.4 | 1005.9 | 1007.4 | 1009.0 | 1012.1 | 1013.7 | 1012.1 | 1009.0 |
| 30°    | 977.8  | 982.5  | 984.0  | 984.0  | 987.1  | 988.7  | 990.3  | 990.3  | 991.8  | 987.1  | 990.3  |
| 32.5°  | 959.0  | 959.0  | 962.1  | 963.7  | 966.8  | 968.4  | 968.4  | 971.5  | 970.0  | 965.3  | 966.8  |
| 35°    | 932.5  | 932.5  | 938.7  | 941.8  | 946.5  | 945.0  | 946.5  | 946.5  | 948.1  | 945.0  | 940.3  |
| 37.5°  | 905.9  | 909.0  | 909.0  | 915.3  | 916.9  | 918.4  | 916.9  | 920.0  | 918.4  | 915.3  | 913.7  |
| 40°    | 874.7  | 873.1  | 874.7  | 879.4  | 880.9  | 880.9  | 880.9  | 884.1  | 884.1  | 884.1  | 882.5  |
| 42.5°  | 835.6  | 840.3  | 838.8  | 843.4  | 841.9  | 841.9  | 845.0  | 848.1  | 849.7  | 845.0  | 846.6  |
| 45°    | 798.1  | 798.1  | 801.3  | 801.3  | 802.8  | 802.8  | 809.1  | 806.0  | 809.1  | 806.0  | 807.5  |
| 47.5°  | 757.5  | 759.1  | 759.1  | 760.7  | 763.8  | 766.9  | 763.8  | 765.3  | 765.3  | 766.9  | 763.8  |
| 50°    | 712.2  | 712.2  | 715.4  | 720.0  | 726.3  | 723.2  | 721.6  | 727.9  | 723.2  | 723.2  | 720.0  |
| 52.5°  | 665.4  | 670.1  | 671.6  | 676.3  | 681.0  | 682.6  | 684.1  | 681.0  | 682.6  | 677.9  | 679.4  |
| 55°    | 620.1  | 621.6  | 627.9  | 632.6  | 637.3  | 637.3  | 635.7  | 637.3  | 638.8  | 632.6  | 632.6  |
| 57.5°  | 574.8  | 579.5  | 585.7  | 585.7  | 592.0  | 592.0  | 590.4  | 590.4  | 592.0  | 587.3  | 585.7  |
| 60°    | 526.4  | 531.1  | 538.9  | 538.9  | 548.2  | 549.8  | 546.7  | 543.6  | 543.6  | 538.9  | 540.4  |
| 62.5°  | 474.8  | 479.5  | 484.2  | 492.0  | 498.3  | 495.1  | 501.4  | 495.1  | 496.7  | 487.3  | 487.3  |
| 65°    | 429.5  | 431.1  | 438.9  | 446.7  | 446.7  | 449.8  | 446.7  | 448.3  | 443.6  | 443.6  | 437.3  |
| 67.5°  | 376.4  | 376.4  | 384.2  | 392.0  | 399.9  | 399.9  | 399.9  | 395.2  | 395.2  | 390.5  | 390.5  |
| 70°    | 329.6  | 328.0  | 335.8  | 340.5  | 345.2  | 346.7  | 343.6  | 342.1  | 338.9  | 334.3  | 332.7  |
| 72.5°  | 271.8  | 274.9  | 282.7  | 285.8  | 293.6  | 292.1  | 299.9  | 290.5  | 290.5  | 282.7  | 281.1  |
| 75°    | 220.2  | 223.4  | 231.2  | 235.9  | 240.5  | 240.5  | 245.2  | 240.5  | 234.3  | 231.2  | 229.6  |
| 77.5°  | 174.9  | 173.4  | 179.6  | 187.4  | 189.0  | 187.4  | 190.6  | 189.0  | 182.7  | 182.7  | 179.6  |
| 80°    | 125.0  | 129.6  | 135.9  | 134.3  | 140.6  | 139.0  | 139.0  | 135.9  | 135.9  | 131.2  | 134.3  |
| 82.5°  | 82.8   | 87.5   | 89.0   | 87.5   | 89.0   | 92.2   | 93.7   | 92.2   | 92.2   | 89.0   | 90.6   |
| 85°    | 43.7   | 43.7   | 46.9   | 48.4   | 46.9   | 46.9   | 48.4   | 53.1   | 50.0   | 46.9   | 50.0   |
| 87.5°  | 14.1   | 12.5   | 12.5   | 14.1   | 12.5   | 12.5   | 14.1   | 14.1   | 15.6   | 15.6   | 15.6   |
| 90°    | 15.9   | 16.0   | 16.3   | 16.5   | 16.8   | 17.0   | 16.8   | 16.5   | 16.3   | 16.0   | 15.9   |
| 92.5°  | 25.5   | 25.4   | 25.1   | 24.9   | 24.6   | 24.4   | 24.6   | 24.9   | 25.1   | 25.4   | 25.5   |
| 95°    | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   | 44.2   |
| 97.5°  | 64.0   | 63.9   | 63.8   | 63.7   | 63.6   | 63.5   | 63.6   | 63.7   | 63.8   | 63.9   | 64.0   |
| 100°   | 85.0   | 85.1   | 85.4   | 85.6   | 85.9   | 86.1   | 85.9   | 85.6   | 85.4   | 85.1   | 85.0   |
| 102.5° | 109.9  | 109.8  | 109.7  | 109.6  | 109.5  | 109.4  | 109.5  | 109.6  | 109.7  | 109.8  | 109.9  |
| 105°   | 133.7  | 133.8  | 134.1  | 134.3  | 134.6  | 134.8  | 134.6  | 134.3  | 134.1  | 133.8  | 133.7  |
| 107.5° | 161.5  | 161.4  | 161.3  | 161.2  | 161.0  | 160.9  | 161.0  | 161.2  | 161.3  | 161.4  | 161.5  |
| 110°   | 188.7  | 188.6  | 188.3  | 188.0  | 187.8  | 187.5  | 187.8  | 188.0  | 188.3  | 188.6  | 188.7  |



TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 215.9  | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9 | 215.9  |
| 115°   | 241.9  | 241.8 | 241.7 | 241.6 | 241.5 | 241.4 | 241.5 | 241.6 | 241.7 | 241.8 | 241.9  |
| 117.5° | 269.1  | 268.9 | 268.5 | 268.2 | 267.8 | 267.4 | 267.8 | 268.2 | 268.5 | 268.9 | 269.1  |
| 120°   | 296.3  | 296.2 | 295.9 | 295.7 | 295.4 | 295.2 | 295.4 | 295.7 | 295.9 | 296.2 | 296.3  |
| 122.5° | 323.5  | 323.3 | 322.9 | 322.6 | 322.2 | 321.8 | 322.2 | 322.6 | 322.9 | 323.3 | 323.5  |
| 125°   | 350.7  | 350.4 | 349.9 | 349.4 | 348.9 | 348.4 | 348.9 | 349.4 | 349.9 | 350.4 | 350.7  |
| 127.5° | 377.3  | 377.1 | 376.6 | 376.1 | 375.6 | 375.1 | 375.6 | 376.1 | 376.6 | 377.1 | 377.3  |
| 130°   | 405.1  | 404.7 | 403.8 | 402.9 | 402.0 | 401.1 | 402.0 | 402.9 | 403.8 | 404.7 | 405.1  |
| 132.5° | 431.2  | 430.9 | 430.2 | 429.6 | 428.9 | 428.3 | 428.9 | 429.6 | 430.2 | 430.9 | 431.2  |
| 135°   | 457.8  | 457.7 | 457.4 | 457.2 | 456.9 | 456.7 | 456.9 | 457.2 | 457.4 | 457.7 | 457.8  |
| 137.5° | 483.3  | 483.1 | 482.7 | 482.4 | 482.0 | 481.6 | 482.0 | 482.4 | 482.7 | 483.1 | 483.3  |
| 140°   | 509.9  | 509.5 | 508.6 | 507.7 | 506.9 | 506.0 | 506.9 | 507.7 | 508.6 | 509.5 | 509.9  |
| 142.5° | 533.7  | 533.4 | 532.8 | 532.1 | 531.5 | 530.9 | 531.5 | 532.1 | 532.8 | 533.4 | 533.7  |
| 145°   | 556.9  | 556.7 | 556.2 | 555.7 | 555.2 | 554.7 | 555.2 | 555.7 | 556.2 | 556.7 | 556.9  |
| 147.5° | 579.6  | 579.2 | 578.5 | 577.7 | 577.0 | 576.2 | 577.0 | 577.7 | 578.5 | 579.2 | 579.6  |
| 150°   | 600.0  | 599.6 | 598.9 | 598.1 | 597.4 | 596.6 | 597.4 | 598.1 | 598.9 | 599.6 | 600.0  |
| 152.5° | 619.3  | 619.0 | 618.3 | 617.7 | 617.0 | 616.4 | 617.0 | 617.7 | 618.3 | 619.0 | 619.3  |
| 155°   | 638.0  | 637.6 | 636.7 | 635.8 | 634.9 | 634.0 | 634.9 | 635.8 | 636.7 | 637.6 | 638.0  |
| 157.5° | 653.8  | 653.4 | 652.7 | 651.9 | 651.2 | 650.4 | 651.2 | 651.9 | 652.7 | 653.4 | 653.8  |
| 160°   | 668.6  | 668.3 | 667.8 | 667.3 | 666.8 | 666.3 | 666.8 | 667.3 | 667.8 | 668.3 | 668.6  |
| 162.5° | 682.2  | 681.8 | 680.9 | 680.0 | 679.1 | 678.2 | 679.1 | 680.0 | 680.9 | 681.8 | 682.2  |
| 165°   | 693.5  | 693.1 | 692.2 | 691.3 | 690.4 | 689.5 | 690.4 | 691.3 | 692.2 | 693.1 | 693.5  |
| 167.5° | 703.1  | 702.7 | 702.0 | 701.2 | 700.5 | 699.7 | 700.5 | 701.2 | 702.0 | 702.7 | 703.1  |
| 170°   | 711.1  | 710.7 | 709.8 | 708.9 | 708.0 | 707.1 | 708.0 | 708.9 | 709.8 | 710.7 | 711.1  |
| 172.5° | 716.7  | 716.3 | 715.4 | 714.5 | 713.7 | 712.8 | 713.7 | 714.5 | 715.4 | 716.3 | 716.7  |
| 175°   | 720.7  | 720.3 | 719.4 | 718.5 | 717.6 | 716.7 | 717.6 | 718.5 | 719.4 | 720.3 | 720.7  |
| 177.5° | 723.0  | 722.6 | 721.7 | 720.8 | 719.9 | 719.0 | 719.9 | 720.8 | 721.7 | 722.6 | 723.0  |
| 180°   | 721.3  | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3  |

TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1530.7 | 1533.8 | 1535.4 | 1529.1 | 1524.4 | 1532.3 | 1543.2 | 1551.0 | 1557.2 | 1565.1 | 1569.7 |
| 5°     | 1440.1 | 1451.0 | 1451.0 | 1454.2 | 1458.8 | 1466.6 | 1487.0 | 1501.0 | 1513.5 | 1522.9 | 1530.7 |
| 7.5°   | 1363.6 | 1371.4 | 1376.1 | 1383.9 | 1391.7 | 1402.6 | 1426.0 | 1446.3 | 1465.1 | 1476.0 | 1488.5 |
| 10°    | 1294.8 | 1301.1 | 1308.9 | 1313.6 | 1327.6 | 1343.3 | 1372.9 | 1390.1 | 1412.0 | 1429.2 | 1444.8 |
| 12.5°  | 1229.2 | 1251.1 | 1255.8 | 1254.2 | 1266.7 | 1283.9 | 1313.6 | 1340.1 | 1363.6 | 1380.7 | 1397.9 |
| 15°    | 1182.4 | 1190.2 | 1199.6 | 1198.0 | 1224.6 | 1229.2 | 1254.2 | 1285.5 | 1316.7 | 1327.6 | 1343.3 |
| 17.5°  | 1130.8 | 1143.3 | 1152.7 | 1157.4 | 1165.2 | 1182.4 | 1205.8 | 1229.2 | 1269.8 | 1271.4 | 1312.0 |
| 20°    | 1090.2 | 1102.7 | 1109.0 | 1115.2 | 1119.9 | 1140.2 | 1160.5 | 1187.1 | 1219.9 | 1237.0 | 1258.9 |
| 22.5°  | 1063.7 | 1069.9 | 1074.6 | 1079.3 | 1085.5 | 1096.5 | 1121.5 | 1151.1 | 1173.0 | 1191.8 | 1205.8 |
| 25°    | 1032.4 | 1038.7 | 1044.9 | 1048.1 | 1052.7 | 1059.0 | 1077.7 | 1101.2 | 1132.4 | 1144.9 | 1159.0 |
| 27.5°  | 1010.6 | 1010.6 | 1013.7 | 1013.7 | 1019.9 | 1026.2 | 1040.2 | 1062.1 | 1087.1 | 1102.7 | 1121.5 |
| 30°    | 987.1  | 985.6  | 987.1  | 985.6  | 984.0  | 993.4  | 1005.9 | 1024.6 | 1041.8 | 1060.5 | 1073.0 |
| 32.5°  | 963.7  | 962.1  | 962.1  | 963.7  | 957.5  | 962.1  | 968.4  | 985.6  | 1004.3 | 1013.7 | 1027.7 |
| 35°    | 938.7  | 935.6  | 935.6  | 935.6  | 932.5  | 929.3  | 935.6  | 951.2  | 963.7  | 976.2  | 987.1  |
| 37.5°  | 913.7  | 909.0  | 909.0  | 905.9  | 902.8  | 898.1  | 898.1  | 910.6  | 927.8  | 932.5  | 946.5  |
| 40°    | 879.4  | 879.4  | 876.2  | 874.7  | 871.6  | 868.4  | 863.7  | 874.7  | 890.3  | 895.0  | 905.9  |
| 42.5°  | 845.0  | 840.3  | 838.8  | 838.8  | 838.8  | 834.1  | 830.9  | 838.8  | 848.1  | 855.9  | 862.2  |
| 45°    | 806.0  | 802.8  | 804.4  | 802.8  | 799.7  | 798.1  | 796.6  | 799.7  | 810.6  | 813.8  | 821.6  |
| 47.5°  | 763.8  | 762.2  | 762.2  | 760.7  | 759.1  | 760.7  | 754.4  | 762.2  | 765.3  | 768.5  | 774.7  |
| 50°    | 720.0  | 718.5  | 716.9  | 715.4  | 715.4  | 716.9  | 715.4  | 715.4  | 721.6  | 724.7  | 731.0  |
| 52.5°  | 676.3  | 671.6  | 671.6  | 670.1  | 670.1  | 666.9  | 670.1  | 671.6  | 674.8  | 677.9  | 681.0  |
| 55°    | 629.5  | 629.5  | 624.8  | 624.8  | 621.6  | 621.6  | 623.2  | 621.6  | 627.9  | 631.0  | 631.0  |
| 57.5°  | 584.2  | 577.9  | 579.5  | 576.4  | 573.2  | 571.7  | 571.7  | 574.8  | 577.9  | 577.9  | 581.0  |
| 60°    | 535.7  | 529.5  | 527.9  | 521.7  | 524.8  | 520.1  | 521.7  | 521.7  | 527.9  | 524.8  | 527.9  |
| 62.5°  | 487.3  | 479.5  | 474.8  | 471.7  | 471.7  | 473.3  | 470.1  | 468.6  | 471.7  | 474.8  | 481.1  |
| 65°    | 435.8  | 431.1  | 426.4  | 421.7  | 421.7  | 420.2  | 423.3  | 418.6  | 417.0  | 418.6  | 421.7  |
| 67.5°  | 382.7  | 378.0  | 373.3  | 368.6  | 370.2  | 365.5  | 362.4  | 367.1  | 363.9  | 365.5  | 368.6  |
| 70°    | 331.1  | 328.0  | 318.6  | 315.5  | 313.9  | 315.5  | 313.9  | 310.8  | 315.5  | 313.9  | 315.5  |
| 72.5°  | 279.6  | 276.5  | 271.8  | 264.0  | 264.0  | 262.4  | 260.8  | 260.8  | 259.3  | 259.3  | 259.3  |
| 75°    | 229.6  | 223.4  | 218.7  | 217.1  | 214.0  | 212.4  | 210.9  | 207.7  | 209.3  | 210.9  | 207.7  |
| 77.5°  | 178.1  | 170.3  | 168.7  | 168.7  | 164.0  | 164.0  | 165.6  | 164.0  | 162.4  | 162.4  | 162.4  |
| 80°    | 131.2  | 125.0  | 125.0  | 121.8  | 118.7  | 118.7  | 118.7  | 118.7  | 117.1  | 115.6  | 117.1  |
| 82.5°  | 84.3   | 82.8   | 81.2   | 81.2   | 84.3   | 78.1   | 81.2   | 79.7   | 78.1   | 78.1   | 76.5   |
| 85°    | 46.9   | 48.4   | 46.9   | 48.4   | 45.3   | 46.9   | 46.9   | 46.9   | 45.3   | 46.9   | 43.7   |
| 87.5°  | 17.2   | 17.2   | 17.2   | 18.7   | 18.7   | 18.7   | 18.7   | 18.7   | 20.3   | 18.7   | 18.7   |
| 90°    | 15.6   | 15.1   | 14.6   | 14.1   | 13.6   | 12.0   | 10.3   | 8.7    | 7.0    | 6.2    | 5.6    |
| 92.5°  | 25.3   | 24.9   | 24.6   | 24.2   | 23.8   | 23.0   | 22.3   | 21.5   | 20.8   | 20.4   | 20.0   |
| 95°    | 43.9   | 43.4   | 42.9   | 42.4   | 41.9   | 40.9   | 39.9   | 38.9   | 37.9   | 37.4   | 37.0   |
| 97.5°  | 63.7   | 63.1   | 62.4   | 61.8   | 61.2   | 60.4   | 59.7   | 58.9   | 58.2   | 57.8   | 57.5   |
| 100°   | 84.8   | 84.4   | 84.1   | 83.7   | 83.3   | 82.7   | 82.1   | 81.4   | 80.8   | 80.5   | 80.1   |
| 102.5° | 109.7  | 109.3  | 109.0  | 108.6  | 108.2  | 107.3  | 106.5  | 105.6  | 104.7  | 104.3  | 104.1  |
| 105°   | 133.7  | 133.7  | 133.7  | 133.7  | 133.7  | 132.6  | 131.4  | 130.3  | 129.2  | 128.6  | 128.5  |
| 107.5° | 161.3  | 160.9  | 160.6  | 160.2  | 159.8  | 159.3  | 158.8  | 158.3  | 157.8  | 157.5  | 157.4  |
| 110°   | 188.4  | 187.9  | 187.4  | 186.9  | 186.4  | 186.2  | 185.9  | 185.7  | 185.4  | 185.3  | 185.2  |

TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 215.6 | 214.9 | 214.3 | 213.6 | 213.0 | 213.0 | 213.0 | 213.0 | 213.0 | 213.0  | 212.9 |
| 115°   | 241.8 | 241.7 | 241.6 | 241.5 | 241.4 | 241.6 | 241.9 | 242.1 | 242.4 | 242.5  | 242.3 |
| 117.5° | 269.1 | 269.1 | 269.1 | 269.1 | 269.1 | 269.4 | 269.6 | 269.9 | 270.2 | 270.3  | 270.2 |
| 120°   | 296.4 | 296.5 | 296.6 | 296.8 | 296.9 | 297.5 | 298.1 | 298.8 | 299.4 | 299.7  | 299.3 |
| 122.5° | 323.7 | 324.1 | 324.4 | 324.8 | 325.2 | 325.5 | 325.7 | 326.0 | 326.3 | 326.4  | 326.1 |
| 125°   | 351.0 | 351.5 | 352.0 | 352.5 | 353.0 | 353.2 | 353.5 | 353.7 | 354.0 | 354.1  | 353.9 |
| 127.5° | 377.7 | 378.4 | 379.2 | 379.9 | 380.7 | 381.0 | 381.2 | 381.5 | 381.8 | 381.9  | 381.5 |
| 130°   | 405.4 | 405.9 | 406.4 | 406.9 | 407.4 | 407.8 | 408.2 | 408.5 | 408.9 | 409.1  | 408.6 |
| 132.5° | 431.5 | 432.1 | 432.8 | 433.4 | 434.0 | 434.2 | 434.5 | 434.7 | 435.0 | 435.1  | 434.6 |
| 135°   | 458.1 | 458.6 | 459.1 | 459.6 | 460.1 | 460.2 | 460.3 | 460.4 | 460.5 | 460.6  | 460.2 |
| 137.5° | 483.6 | 484.2 | 484.9 | 485.5 | 486.1 | 485.7 | 485.3 | 485.0 | 484.6 | 484.4  | 484.1 |
| 140°   | 510.0 | 510.1 | 510.2 | 510.4 | 510.5 | 510.4 | 510.2 | 510.1 | 510.0 | 509.9  | 509.6 |
| 142.5° | 533.8 | 533.9 | 534.0 | 534.2 | 534.3 | 534.1 | 533.8 | 533.6 | 533.3 | 533.2  | 532.9 |
| 145°   | 557.0 | 557.1 | 557.2 | 557.4 | 557.5 | 557.1 | 556.7 | 556.4 | 556.0 | 555.8  | 555.7 |
| 147.5° | 579.6 | 579.6 | 579.6 | 579.6 | 579.6 | 579.2 | 578.8 | 578.5 | 578.1 | 577.9  | 577.6 |
| 150°   | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 599.8 | 599.5 | 599.3 | 599.0 | 598.9  | 598.8 |
| 152.5° | 619.2 | 618.9 | 618.6 | 618.4 | 618.1 | 618.0 | 617.9 | 617.8 | 617.7 | 617.6  | 617.4 |
| 155°   | 637.7 | 637.2 | 636.7 | 636.2 | 635.7 | 635.6 | 635.4 | 635.3 | 635.2 | 635.1  | 635.1 |
| 157.5° | 653.6 | 653.1 | 652.6 | 652.1 | 651.6 | 651.5 | 651.3 | 651.2 | 651.1 | 651.0  | 651.1 |
| 160°   | 668.3 | 667.6 | 667.0 | 666.3 | 665.7 | 665.7 | 665.7 | 665.7 | 665.7 | 665.7  | 665.8 |
| 162.5° | 681.9 | 681.2 | 680.6 | 679.9 | 679.3 | 679.2 | 679.1 | 679.0 | 678.9 | 678.8  | 679.0 |
| 165°   | 693.1 | 692.4 | 691.6 | 690.9 | 690.1 | 690.1 | 690.1 | 690.1 | 690.1 | 690.1  | 690.3 |
| 167.5° | 702.7 | 702.0 | 701.2 | 700.5 | 699.7 | 699.6 | 699.5 | 699.4 | 699.3 | 699.2  | 699.4 |
| 170°   | 710.7 | 709.8 | 708.9 | 708.0 | 707.1 | 707.1 | 707.1 | 707.1 | 707.1 | 707.1  | 707.4 |
| 172.5° | 716.3 | 715.6 | 714.8 | 714.1 | 713.3 | 713.3 | 713.3 | 713.3 | 713.3 | 713.3  | 713.6 |
| 175°   | 720.3 | 719.6 | 718.8 | 718.1 | 717.3 | 717.3 | 717.3 | 717.3 | 717.3 | 717.3  | 717.6 |
| 177.5° | 722.6 | 721.9 | 721.1 | 720.4 | 719.6 | 719.6 | 719.6 | 719.6 | 719.6 | 719.6  | 719.8 |
| 180°   | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3 | 721.3  | 721.3 |

TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1577.5 | 1582.2 | 1597.9 | 1616.6 |
| 5°     | 1546.3 | 1558.8 | 1580.7 | 1610.3 |
| 7.5°   | 1511.9 | 1530.7 | 1561.9 | 1599.4 |
| 10°    | 1472.9 | 1499.5 | 1538.5 | 1585.4 |
| 12.5°  | 1430.7 | 1465.1 | 1515.1 | 1563.5 |
| 15°    | 1404.2 | 1438.5 | 1483.8 | 1536.9 |
| 17.5°  | 1352.6 | 1393.2 | 1440.1 | 1515.1 |
| 20°    | 1299.5 | 1344.8 | 1405.7 | 1480.7 |
| 22.5°  | 1258.9 | 1307.3 | 1365.1 | 1444.8 |
| 25°    | 1210.5 | 1260.5 | 1323.0 | 1405.7 |
| 27.5°  | 1159.0 | 1208.9 | 1279.2 | 1366.7 |
| 30°    | 1119.9 | 1168.3 | 1235.5 | 1329.2 |
| 32.5°  | 1073.0 | 1119.9 | 1190.2 | 1288.6 |
| 35°    | 1019.9 | 1073.0 | 1140.2 | 1240.2 |
| 37.5°  | 979.3  | 1027.7 | 1098.0 | 1193.3 |
| 40°    | 935.6  | 977.8  | 1046.5 | 1140.2 |
| 42.5°  | 888.7  | 935.6  | 994.9  | 1088.7 |
| 45°    | 845.0  | 879.4  | 940.3  | 1029.3 |
| 47.5°  | 798.1  | 837.2  | 884.1  | 952.8  |
| 50°    | 748.2  | 781.0  | 832.5  | 879.4  |
| 52.5°  | 699.7  | 726.3  | 770.0  | 806.0  |
| 55°    | 648.2  | 674.8  | 707.6  | 729.4  |
| 57.5°  | 599.8  | 618.5  | 640.4  | 654.4  |
| 60°    | 540.4  | 559.2  | 573.2  | 587.3  |
| 62.5°  | 487.3  | 501.4  | 509.2  | 517.0  |
| 65°    | 432.7  | 440.5  | 445.1  | 451.4  |
| 67.5°  | 373.3  | 381.1  | 382.7  | 392.0  |
| 70°    | 318.6  | 320.2  | 323.3  | 328.0  |
| 72.5°  | 267.1  | 270.2  | 268.7  | 271.8  |
| 75°    | 214.0  | 217.1  | 214.0  | 217.1  |
| 77.5°  | 162.4  | 165.6  | 165.6  | 170.3  |
| 80°    | 117.1  | 118.7  | 120.3  | 120.3  |
| 82.5°  | 76.5   | 81.2   | 78.1   | 79.7   |
| 85°    | 43.7   | 45.3   | 45.3   | 46.9   |
| 87.5°  | 20.3   | 21.9   | 20.3   | 23.4   |
| 90°    | 4.3    | 3.1    | 1.8    | 0.6    |
| 92.5°  | 19.3   | 18.5   | 17.8   | 17.0   |
| 95°    | 36.1   | 35.2   | 34.3   | 33.4   |
| 97.5°  | 56.9   | 56.2   | 55.6   | 55.0   |
| 100°   | 79.4   | 78.6   | 77.9   | 77.1   |
| 102.5° | 103.7  | 103.4  | 103.0  | 102.6  |
| 105°   | 128.2  | 128.0  | 127.7  | 127.5  |
| 107.5° | 157.3  | 157.2  | 157.0  | 156.9  |
| 110°   | 184.9  | 184.6  | 184.4  | 184.1  |

TEST NUMBER: P1011373

CATALOG NUMBER: S123DIP-B1165D585UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 212.8 | 212.7 | 212.6 | 212.5 |
| 115°   | 241.9 | 241.6 | 241.2 | 240.8 |
| 117.5° | 270.1 | 270.0 | 269.8 | 269.7 |
| 120°   | 298.6 | 297.8 | 297.1 | 296.3 |
| 122.5° | 325.6 | 325.1 | 324.6 | 324.1 |
| 125°   | 353.5 | 353.2 | 352.8 | 352.4 |
| 127.5° | 380.8 | 380.0 | 379.3 | 378.5 |
| 130°   | 407.6 | 406.5 | 405.5 | 404.5 |
| 132.5° | 433.6 | 432.6 | 431.6 | 430.6 |
| 135°   | 459.5 | 458.7 | 458.0 | 457.2 |
| 137.5° | 483.5 | 482.8 | 482.2 | 481.6 |
| 140°   | 509.0 | 508.3 | 507.7 | 507.1 |
| 142.5° | 532.2 | 531.6 | 530.9 | 530.3 |
| 145°   | 555.4 | 555.2 | 554.9 | 554.7 |
| 147.5° | 577.1 | 576.6 | 576.1 | 575.6 |
| 150°   | 598.5 | 598.2 | 598.0 | 597.7 |
| 152.5° | 617.0 | 616.7 | 616.3 | 615.9 |
| 155°   | 635.1 | 635.1 | 635.1 | 635.1 |
| 157.5° | 651.2 | 651.3 | 651.5 | 651.6 |
| 160°   | 666.1 | 666.4 | 666.6 | 666.9 |
| 162.5° | 679.4 | 679.7 | 680.1 | 680.5 |
| 165°   | 690.7 | 691.0 | 691.4 | 691.8 |
| 167.5° | 699.9 | 700.4 | 700.9 | 701.4 |
| 170°   | 707.9 | 708.4 | 708.9 | 709.4 |
| 172.5° | 714.1 | 714.6 | 715.1 | 715.6 |
| 175°   | 718.1 | 718.6 | 719.1 | 719.6 |
| 177.5° | 720.3 | 720.8 | 721.3 | 721.8 |
| 180°   | 721.3 | 721.3 | 721.3 | 721.3 |

(END OF REPORT)