

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: P1000652

Luminaire Tested: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1000652  
REPORT IS A COMBINATION OF REPORTS P995265 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4  
Description: Define 4 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

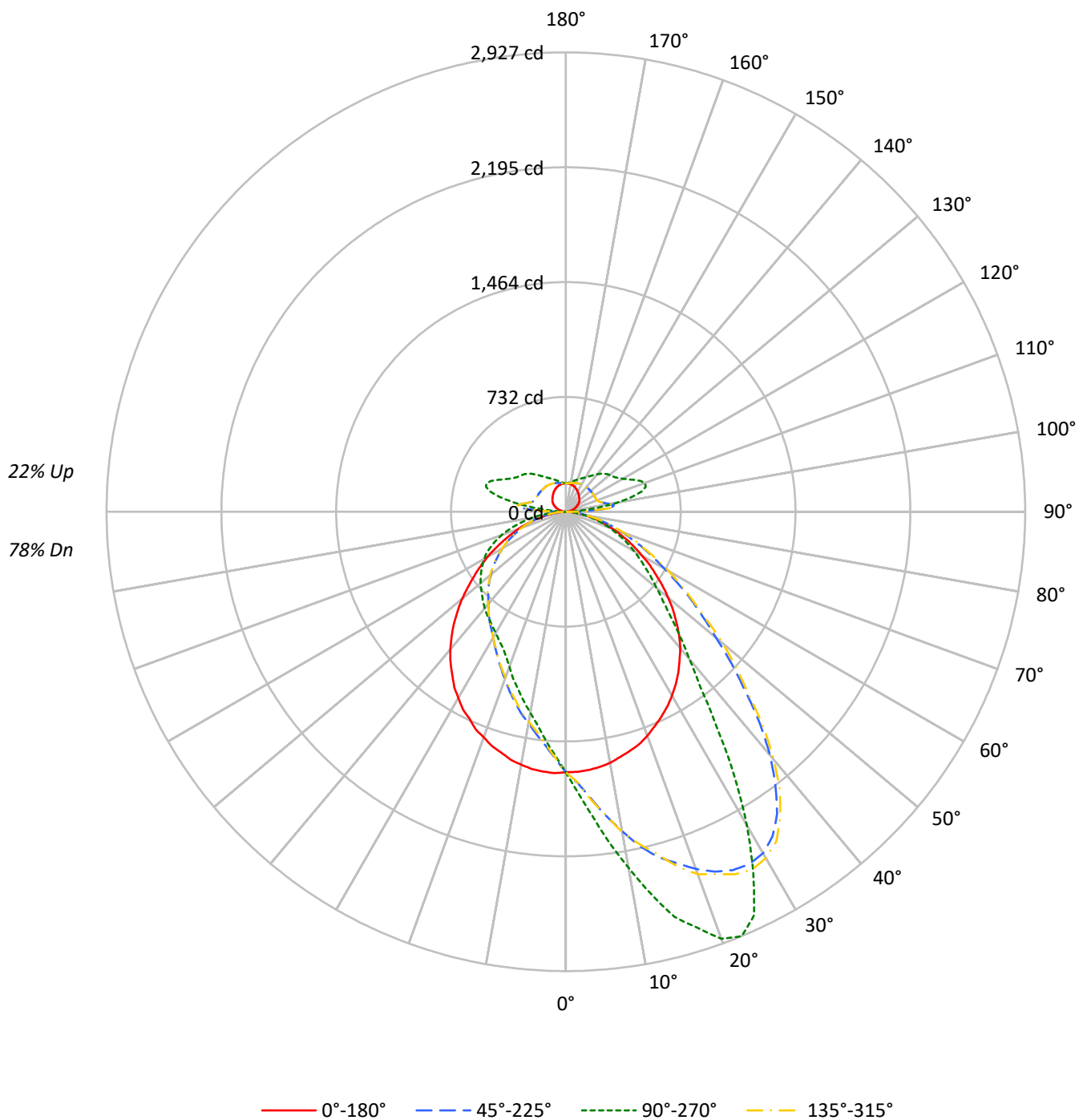
Lumens per Lamp: N/A  
Luminaire Lumens: 5896.0 lumens  
Efficiency: N/A  
Efficacy: 105.1 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 56.1  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1000652

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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   | 114 | 114 | 114 | 114 | 108 | 108 | 108 | 108 | 99 | 99 | 99 | 90 | 90 | 90 | 82 | 82 | 82 |
| 1   | 104 | 100 | 96  | 92  | 99  | 96  | 92  | 89  | 87 | 85 | 82 | 80 | 78 | 76 | 73 | 71 | 70 |
| 2   | 95  | 88  | 81  | 76  | 91  | 84  | 78  | 74  | 77 | 72 | 69 | 70 | 67 | 64 | 64 | 62 | 59 |
| 3   | 87  | 78  | 70  | 64  | 83  | 74  | 67  | 62  | 68 | 63 | 58 | 63 | 58 | 54 | 57 | 54 | 51 |
| 4   | 80  | 69  | 61  | 55  | 76  | 66  | 59  | 53  | 61 | 55 | 50 | 56 | 51 | 47 | 52 | 47 | 44 |
| 5   | 74  | 62  | 53  | 47  | 70  | 59  | 52  | 46  | 55 | 48 | 43 | 51 | 45 | 41 | 47 | 42 | 39 |
| 6   | 68  | 56  | 47  | 41  | 65  | 54  | 46  | 40  | 50 | 43 | 38 | 46 | 40 | 36 | 42 | 38 | 34 |
| 7   | 63  | 51  | 42  | 37  | 60  | 49  | 41  | 36  | 45 | 39 | 34 | 42 | 36 | 32 | 39 | 34 | 31 |
| 8   | 59  | 46  | 38  | 33  | 56  | 45  | 37  | 32  | 41 | 35 | 30 | 38 | 33 | 29 | 36 | 31 | 27 |
| 9   | 55  | 42  | 35  | 29  | 52  | 41  | 34  | 29  | 38 | 32 | 27 | 36 | 30 | 26 | 33 | 28 | 25 |
| 10  | 51  | 39  | 32  | 27  | 49  | 38  | 31  | 26  | 35 | 29 | 25 | 33 | 28 | 24 | 31 | 26 | 23 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13526 | 13526 | 13526 | 13526 |
| 5°  | 13492 | 15517 | 13570 | 11660 |
| 10° | 13391 | 18104 | 13493 | 10229 |
| 15° | 13230 | 20870 | 13322 | 9153  |
| 20° | 13058 | 22631 | 13153 | 8206  |
| 25° | 12809 | 22372 | 12931 | 7507  |
| 30° | 12564 | 18491 | 12717 | 7148  |
| 35° | 12222 | 13779 | 12356 | 6930  |
| 40° | 11820 | 10380 | 11935 | 6823  |
| 45° | 11209 | 8331  | 11349 | 6677  |
| 50° | 10479 | 7019  | 10631 | 6609  |
| 55° | 9620  | 6108  | 9771  | 6531  |
| 60° | 8787  | 5380  | 9043  | 6423  |
| 65° | 8003  | 4629  | 8078  | 6155  |
| 70° | 7081  | 3808  | 7235  | 5667  |
| 75° | 6179  | 2926  | 6138  | 4816  |
| 80° | 4861  | 1923  | 4804  | 3655  |
| 85° | 3202  | 864   | 2998  | 2132  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 17489 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 161.4  | 2.7       |
| 10°-20°   | 498.3  | 8.5       |
| 20°-30°   | 791.6  | 13.4      |
| 30°-40°   | 879.6  | 14.9      |
| 40°-50°   | 799.9  | 13.6      |
| 50°-60°   | 653.6  | 11.1      |
| 60°-70°   | 466.6  | 7.9       |
| 70°-80°   | 256.7  | 4.4       |
| 80°-90°   | 70.1   | 1.2       |
| 90°-100°  | 131.2  | 2.2       |
| 100°-110° | 273.9  | 4.6       |
| 110°-120° | 243.5  | 4.1       |
| 120°-130° | 204.9  | 3.5       |
| 130°-140° | 171.0  | 2.9       |
| 140°-150° | 130.5  | 2.2       |
| 150°-160° | 91.8   | 1.6       |
| 160°-170° | 54.0   | 0.9       |
| 170°-180° | 17.6   | 0.3       |
| 0°-30°    | 1451.2 | 24.6      |
| 0°-40°    | 2330.8 | 39.5      |
| 0°-60°    | 3784.3 | 64.2      |
| 0°-90°    | 4577.7 | 77.6      |
| 90°-120°  | 648.5  | 11.0      |
| 90°-150°  | 1155.0 | 19.6      |
| 90°-180°  | 1318.0 | 22.4      |
| 0°-180°   | 5896.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1659 | 1659 | 1659 | 1659 | 1659 |      |
| 5°   | 1652 | 1946 | 1661 | 1462 | 1652 | 157  |
| 15°  | 1578 | 2673 | 1589 | 1172 | 1578 | 445  |
| 25°  | 1440 | 2838 | 1454 | 952  | 1440 | 664  |
| 35°  | 1249 | 1678 | 1263 | 844  | 1249 | 780  |
| 45°  | 996  | 941  | 1009 | 754  | 996  | 768  |
| 55°  | 701  | 616  | 712  | 658  | 701  | 630  |
| 65°  | 437  | 396  | 441  | 526  | 437  | 432  |
| 75°  | 214  | 198  | 213  | 326  | 214  | 225  |
| 85°  | 44   | 41   | 41   | 102  | 44   | 51   |
| 90°  | 0    | 8    | 0    | 8    | 0    | 3    |
| 95°  | 12   | 87   | 12   | 87   | 12   | 13   |
| 105° | 42   | 500  | 42   | 500  | 42   | 44   |
| 115° | 73   | 480  | 73   | 480  | 73   | 73   |
| 125° | 102  | 383  | 102  | 383  | 102  | 91   |
| 135° | 121  | 343  | 121  | 343  | 121  | 94   |
| 145° | 140  | 280  | 140  | 280  | 140  | 88   |
| 155° | 159  | 234  | 159  | 234  | 159  | 73   |
| 165° | 173  | 204  | 173  | 204  | 173  | 49   |
| 175° | 181  | 184  | 181  | 184  | 181  | 17   |
| 180° | 181  | 181  | 181  | 181  | 181  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1658.7 | 1675.2 | 1682.0 | 1687.5 | 1705.4 | 1710.9 | 1712.3 | 1720.5 | 1727.4 | 1728.8 | 1728.8 |
| 5°     | 1651.8 | 1677.9 | 1698.5 | 1717.8 | 1746.6 | 1759.0 | 1774.1 | 1790.6 | 1812.6 | 1826.3 | 1833.2 |
| 7.5°   | 1640.8 | 1679.3 | 1710.9 | 1743.9 | 1783.7 | 1808.5 | 1822.2 | 1866.2 | 1896.4 | 1921.2 | 1951.4 |
| 10°    | 1624.3 | 1673.8 | 1719.1 | 1767.2 | 1823.6 | 1853.8 | 1884.0 | 1937.6 | 1980.2 | 2028.3 | 2066.8 |
| 12.5°  | 1599.6 | 1664.2 | 1719.1 | 1786.5 | 1856.6 | 1892.3 | 1928.0 | 2021.5 | 2070.9 | 2113.5 | 2182.3 |
| 15°    | 1577.6 | 1642.2 | 1720.5 | 1789.2 | 1875.8 | 1929.4 | 1981.6 | 2042.1 | 2120.4 | 2212.5 | 2278.4 |
| 17.5°  | 1552.9 | 1633.9 | 1706.8 | 1803.0 | 1899.2 | 1950.0 | 1992.6 | 2086.1 | 2196.0 | 2286.7 | 2347.2 |
| 20°    | 1518.5 | 1601.0 | 1697.2 | 1798.8 | 1912.9 | 1952.8 | 2009.1 | 2134.2 | 2233.1 | 2322.4 | 2421.4 |
| 22.5°  | 1478.7 | 1574.9 | 1676.5 | 1774.1 | 1892.3 | 1976.1 | 2038.0 | 2147.9 | 2267.5 | 2370.5 | 2481.8 |
| 25°    | 1440.2 | 1544.6 | 1633.9 | 1767.2 | 1892.3 | 1948.6 | 2018.7 | 2149.3 | 2279.8 | 2404.9 | 2518.9 |
| 27.5°  | 1399.0 | 1496.5 | 1617.5 | 1723.3 | 1864.8 | 1926.6 | 2002.2 | 2145.1 | 2283.9 | 2409.0 | 2531.3 |
| 30°    | 1353.6 | 1458.0 | 1558.4 | 1683.4 | 1820.8 | 1900.5 | 1970.6 | 2125.9 | 2267.5 | 2398.0 | 2512.1 |
| 32.5°  | 1302.8 | 1401.7 | 1508.9 | 1627.1 | 1771.4 | 1852.4 | 1940.4 | 2099.8 | 2251.0 | 2363.6 | 2451.6 |
| 35°    | 1249.2 | 1349.5 | 1442.9 | 1563.9 | 1712.3 | 1793.4 | 1878.6 | 2054.5 | 2204.2 | 2296.3 | 2347.2 |
| 37.5°  | 1190.1 | 1284.9 | 1377.0 | 1496.5 | 1644.9 | 1731.5 | 1818.1 | 1988.5 | 2130.0 | 2207.0 | 2193.2 |
| 40°    | 1133.7 | 1218.9 | 1304.1 | 1416.8 | 1572.1 | 1664.2 | 1739.8 | 1911.5 | 2035.2 | 2068.2 | 2022.8 |
| 42.5°  | 1069.1 | 1142.0 | 1224.4 | 1339.9 | 1491.0 | 1577.6 | 1672.4 | 1829.1 | 1921.2 | 1907.4 | 1830.5 |
| 45°    | 996.3  | 1060.9 | 1143.3 | 1251.9 | 1405.8 | 1495.1 | 1574.9 | 1723.3 | 1790.6 | 1756.2 | 1616.1 |
| 47.5°  | 926.2  | 989.4  | 1056.8 | 1165.3 | 1315.1 | 1390.7 | 1471.8 | 1605.1 | 1643.6 | 1570.7 | 1430.6 |
| 50°    | 850.6  | 902.9  | 972.9  | 1076.0 | 1216.2 | 1295.9 | 1363.2 | 1470.4 | 1484.2 | 1394.8 | 1249.2 |
| 52.5°  | 777.8  | 821.8  | 889.1  | 990.8  | 1121.4 | 1184.6 | 1250.5 | 1345.4 | 1334.4 | 1242.3 | 1102.1 |
| 55°    | 700.8  | 742.1  | 803.9  | 897.4  | 1012.8 | 1073.3 | 1129.6 | 1213.4 | 1190.1 | 1095.2 | 972.9  |
| 57.5°  | 636.3  | 665.1  | 725.6  | 812.2  | 907.0  | 972.9  | 1021.0 | 1087.0 | 1051.3 | 956.5  | 842.4  |
| 60°    | 562.1  | 597.8  | 648.6  | 718.7  | 812.2  | 856.1  | 898.7  | 942.7  | 918.0  | 827.3  | 725.6  |
| 62.5°  | 494.7  | 522.2  | 566.2  | 633.5  | 706.3  | 746.2  | 791.5  | 819.0  | 794.3  | 710.5  | 625.3  |
| 65°    | 437.0  | 459.0  | 493.3  | 548.3  | 618.4  | 651.4  | 677.5  | 703.6  | 683.0  | 604.7  | 542.8  |
| 67.5°  | 373.8  | 393.0  | 421.9  | 465.9  | 525.0  | 548.3  | 573.0  | 590.9  | 567.6  | 515.3  | 454.9  |
| 70°    | 317.4  | 331.2  | 358.7  | 391.7  | 432.9  | 454.9  | 475.5  | 493.3  | 472.7  | 428.8  | 383.4  |
| 72.5°  | 259.7  | 270.7  | 295.5  | 318.8  | 355.9  | 371.0  | 386.2  | 399.9  | 393.0  | 351.8  | 314.7  |
| 75°    | 214.4  | 218.5  | 235.0  | 254.2  | 277.6  | 294.1  | 305.1  | 313.3  | 307.8  | 274.8  | 251.5  |
| 77.5°  | 162.2  | 167.7  | 180.0  | 195.1  | 215.8  | 225.4  | 232.2  | 240.5  | 233.6  | 207.5  | 191.0  |
| 80°    | 118.2  | 119.6  | 126.4  | 140.2  | 153.9  | 155.3  | 162.2  | 173.2  | 169.0  | 151.2  | 138.8  |
| 82.5°  | 75.6   | 79.7   | 82.5   | 90.7   | 100.3  | 103.1  | 107.2  | 109.9  | 108.6  | 97.6   | 93.4   |
| 85°    | 44.0   | 44.0   | 46.7   | 52.2   | 55.0   | 59.1   | 60.5   | 61.8   | 64.6   | 57.7   | 53.6   |
| 87.5°  | 19.2   | 20.6   | 20.6   | 22.0   | 24.7   | 24.7   | 26.1   | 27.5   | 28.9   | 27.5   | 23.4   |
| 90°    | 0.4    | 1.1    | 2.1    | 2.5    | 2.8    | 2.8    | 2.8    | 5.0    | 5.0    | 5.7    | 6.4    |
| 92.5°  | 5.0    | 7.1    | 11.0   | 16.4   | 22.8   | 27.4   | 32.0   | 54.1   | 88.5   | 122.0  | 139.4  |
| 95°    | 11.7   | 12.8   | 16.4   | 21.0   | 29.5   | 37.0   | 44.5   | 75.4   | 133.7  | 218.7  | 289.8  |
| 97.5°  | 19.6   | 19.6   | 22.8   | 27.0   | 34.5   | 40.9   | 47.3   | 71.8   | 122.0  | 209.5  | 310.1  |
| 100°   | 27.0   | 27.0   | 29.5   | 33.8   | 40.5   | 46.2   | 51.9   | 72.9   | 113.1  | 185.6  | 285.9  |
| 102.5° | 34.1   | 34.8   | 37.0   | 40.9   | 47.3   | 52.6   | 58.0   | 76.5   | 110.6  | 169.6  | 255.7  |
| 105°   | 41.6   | 42.7   | 44.5   | 48.7   | 55.1   | 60.2   | 65.4   | 82.5   | 112.0  | 161.8  | 233.3  |
| 107.5° | 49.8   | 50.5   | 52.3   | 56.9   | 62.9   | 68.1   | 73.3   | 88.9   | 116.3  | 159.7  | 218.7  |
| 110°   | 58.0   | 58.7   | 60.5   | 64.7   | 71.1   | 75.9   | 80.7   | 96.4   | 121.3  | 160.4  | 211.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 65.8  | 66.5  | 68.6  | 72.5  | 78.9  | 83.7  | 88.5  | 103.5 | 126.6 | 162.5 | 208.7 |
| 115°   | 73.3  | 74.3  | 76.8  | 80.4  | 87.1  | 91.9  | 96.7  | 110.9 | 132.3 | 165.4 | 208.0 |
| 117.5° | 81.1  | 82.1  | 84.3  | 88.2  | 94.6  | 99.6  | 104.5 | 118.1 | 138.0 | 168.2 | 207.7 |
| 120°   | 88.9  | 89.6  | 92.1  | 96.0  | 102.1 | 107.0 | 112.0 | 125.5 | 144.0 | 171.4 | 207.7 |
| 122.5° | 96.0  | 96.7  | 99.2  | 102.8 | 109.5 | 114.3 | 119.1 | 132.6 | 149.7 | 174.6 | 207.3 |
| 125°   | 102.1 | 103.5 | 105.6 | 109.5 | 116.3 | 121.2 | 126.2 | 139.0 | 155.4 | 177.8 | 207.0 |
| 127.5° | 107.7 | 108.8 | 111.3 | 115.6 | 122.7 | 127.6 | 132.6 | 145.1 | 160.4 | 180.3 | 206.3 |
| 130°   | 112.4 | 113.8 | 116.6 | 122.0 | 128.7 | 133.8 | 139.0 | 151.1 | 165.0 | 183.1 | 205.9 |
| 132.5° | 117.0 | 118.1 | 122.0 | 127.0 | 134.4 | 139.2 | 144.0 | 156.1 | 169.6 | 185.6 | 205.5 |
| 135°   | 121.3 | 122.7 | 126.2 | 132.3 | 139.8 | 144.4 | 149.0 | 160.7 | 173.5 | 188.1 | 205.2 |
| 137.5° | 125.5 | 127.0 | 130.9 | 136.6 | 144.4 | 148.9 | 153.3 | 164.3 | 176.4 | 189.5 | 205.2 |
| 140°   | 130.2 | 131.2 | 135.1 | 141.2 | 148.6 | 152.9 | 157.2 | 167.8 | 179.2 | 191.3 | 204.8 |
| 142.5° | 135.1 | 136.2 | 139.8 | 145.4 | 152.6 | 156.6 | 160.7 | 171.0 | 181.4 | 192.7 | 204.8 |
| 145°   | 139.8 | 140.8 | 144.4 | 149.4 | 156.1 | 160.0 | 163.9 | 173.2 | 182.8 | 193.1 | 204.1 |
| 147.5° | 145.1 | 145.4 | 148.6 | 154.0 | 159.7 | 163.2 | 166.8 | 175.7 | 184.2 | 193.4 | 203.1 |
| 150°   | 150.1 | 150.4 | 153.3 | 157.5 | 162.9 | 166.2 | 169.6 | 177.4 | 185.3 | 193.4 | 202.0 |
| 152.5° | 154.7 | 154.7 | 157.5 | 161.4 | 166.1 | 169.1 | 172.1 | 178.9 | 186.0 | 192.7 | 200.2 |
| 155°   | 159.0 | 159.3 | 161.4 | 165.0 | 168.9 | 171.6 | 174.2 | 180.3 | 186.3 | 192.0 | 198.4 |
| 157.5° | 163.2 | 163.2 | 165.4 | 168.2 | 171.8 | 173.9 | 176.0 | 181.4 | 186.3 | 191.3 | 196.6 |
| 160°   | 167.1 | 167.1 | 168.6 | 171.0 | 173.9 | 175.9 | 177.8 | 182.1 | 186.3 | 190.2 | 194.5 |
| 162.5° | 170.7 | 170.3 | 171.4 | 173.5 | 176.0 | 177.4 | 178.9 | 182.8 | 186.3 | 189.2 | 192.4 |
| 165°   | 173.2 | 173.2 | 173.9 | 175.7 | 177.4 | 178.5 | 179.6 | 182.8 | 185.6 | 187.8 | 190.2 |
| 167.5° | 176.0 | 175.7 | 176.0 | 177.4 | 178.5 | 179.4 | 180.3 | 182.8 | 184.9 | 186.3 | 188.1 |
| 170°   | 177.8 | 177.4 | 177.8 | 178.9 | 179.6 | 180.1 | 180.6 | 182.4 | 184.2 | 184.9 | 186.0 |
| 172.5° | 179.6 | 179.2 | 179.2 | 179.9 | 180.3 | 180.6 | 181.0 | 182.1 | 183.5 | 183.5 | 183.8 |
| 175°   | 180.6 | 180.3 | 180.3 | 180.6 | 181.0 | 181.0 | 181.0 | 181.7 | 182.8 | 182.4 | 182.4 |
| 177.5° | 181.4 | 181.0 | 180.6 | 181.0 | 181.0 | 181.0 | 181.0 | 181.4 | 182.1 | 181.4 | 181.4 |
| 180°   | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1732.9 | 1757.6 | 1768.6 | 1771.4 | 1786.5 | 1776.9 | 1781.0 | 1779.6 | 1790.6 | 1792.0 | 1792.0 |
| 5°     | 1859.3 | 1888.2 | 1897.8 | 1911.5 | 1932.1 | 1937.6 | 1933.5 | 1941.8 | 1956.9 | 1945.9 | 1962.4 |
| 7.5°   | 1992.6 | 2024.2 | 2046.2 | 2076.4 | 2083.3 | 2101.2 | 2112.2 | 2121.8 | 2124.5 | 2125.9 | 2128.7 |
| 10°    | 2116.3 | 2156.1 | 2186.4 | 2237.2 | 2248.2 | 2257.8 | 2305.9 | 2286.7 | 2311.4 | 2303.2 | 2305.9 |
| 12.5°  | 2216.6 | 2294.9 | 2319.7 | 2404.9 | 2413.1 | 2446.1 | 2443.4 | 2473.6 | 2479.1 | 2490.1 | 2479.1 |
| 15°    | 2348.5 | 2439.2 | 2479.1 | 2527.2 | 2554.7 | 2593.1 | 2600.0 | 2641.2 | 2657.7 | 2672.8 | 2657.7 |
| 17.5°  | 2469.5 | 2517.6 | 2619.3 | 2657.7 | 2675.6 | 2696.2 | 2748.4 | 2763.5 | 2788.3 | 2778.7 | 2806.1 |
| 20°    | 2529.9 | 2598.6 | 2705.8 | 2771.8 | 2799.3 | 2818.5 | 2862.5 | 2885.9 | 2895.5 | 2895.5 | 2898.2 |
| 22.5°  | 2583.5 | 2682.5 | 2762.2 | 2837.8 | 2862.5 | 2876.2 | 2902.3 | 2920.2 | 2924.3 | 2927.1 | 2929.8 |
| 25°    | 2631.6 | 2720.9 | 2785.5 | 2828.1 | 2837.8 | 2837.8 | 2852.9 | 2841.9 | 2824.0 | 2837.8 | 2846.0 |
| 27.5°  | 2631.6 | 2694.8 | 2723.7 | 2738.8 | 2738.8 | 2701.7 | 2679.7 | 2634.4 | 2595.9 | 2584.9 | 2609.6 |
| 30°    | 2587.6 | 2616.5 | 2576.7 | 2539.5 | 2510.7 | 2486.0 | 2399.4 | 2330.7 | 2316.9 | 2307.3 | 2344.4 |
| 32.5°  | 2486.0 | 2448.9 | 2370.5 | 2263.3 | 2220.7 | 2164.4 | 2097.1 | 2044.8 | 2013.2 | 2002.2 | 1994.0 |
| 35°    | 2305.9 | 2209.7 | 2108.0 | 1963.8 | 1933.5 | 1862.1 | 1770.0 | 1731.5 | 1679.3 | 1677.9 | 1695.8 |
| 37.5°  | 2109.4 | 1961.0 | 1851.1 | 1713.6 | 1671.0 | 1595.5 | 1508.9 | 1469.0 | 1433.3 | 1405.8 | 1438.8 |
| 40°    | 1879.9 | 1750.7 | 1583.1 | 1470.4 | 1409.9 | 1370.1 | 1297.3 | 1253.3 | 1236.8 | 1223.1 | 1243.7 |
| 42.5°  | 1665.5 | 1524.0 | 1393.5 | 1278.0 | 1228.5 | 1183.2 | 1135.1 | 1092.5 | 1080.1 | 1078.8 | 1093.9 |
| 45°    | 1452.5 | 1313.7 | 1192.8 | 1093.9 | 1062.3 | 1034.8 | 988.1  | 975.7  | 955.1  | 941.3  | 948.2  |
| 47.5°  | 1282.1 | 1139.2 | 1038.9 | 963.3  | 935.8  | 912.5  | 882.2  | 861.6  | 843.8  | 838.3  | 846.5  |
| 50°    | 1114.5 | 1018.3 | 915.2  | 852.0  | 831.4  | 809.4  | 786.1  | 766.8  | 758.6  | 753.1  | 758.6  |
| 52.5°  | 979.8  | 876.7  | 806.7  | 755.8  | 735.2  | 718.7  | 702.2  | 694.0  | 683.0  | 685.7  | 691.2  |
| 55°    | 858.9  | 768.2  | 709.1  | 672.0  | 659.6  | 652.8  | 632.1  | 622.5  | 618.4  | 615.6  | 618.4  |
| 57.5°  | 744.8  | 678.9  | 634.9  | 603.3  | 586.8  | 582.7  | 566.2  | 566.2  | 562.1  | 557.9  | 559.3  |
| 60°    | 654.1  | 597.8  | 555.2  | 530.4  | 527.7  | 520.8  | 509.8  | 508.5  | 498.8  | 503.0  | 504.3  |
| 62.5°  | 562.1  | 516.7  | 487.8  | 472.7  | 463.1  | 460.4  | 453.5  | 452.1  | 448.0  | 449.4  | 446.6  |
| 65°    | 489.2  | 452.1  | 423.3  | 410.9  | 406.8  | 405.4  | 399.9  | 395.8  | 393.0  | 395.8  | 393.0  |
| 67.5°  | 416.4  | 391.7  | 369.7  | 357.3  | 351.8  | 350.4  | 346.3  | 343.6  | 344.9  | 340.8  | 343.6  |
| 70°    | 347.7  | 322.9  | 309.2  | 302.3  | 299.6  | 295.5  | 295.5  | 295.5  | 295.5  | 292.7  | 291.3  |
| 72.5°  | 292.7  | 268.0  | 258.4  | 254.2  | 251.5  | 250.1  | 246.0  | 247.4  | 246.0  | 244.6  | 250.1  |
| 75°    | 232.2  | 217.1  | 207.5  | 203.4  | 206.1  | 202.0  | 197.9  | 200.6  | 196.5  | 197.9  | 203.4  |
| 77.5°  | 175.9  | 169.0  | 163.5  | 160.8  | 158.0  | 155.3  | 155.3  | 152.5  | 152.5  | 152.5  | 152.5  |
| 80°    | 127.8  | 126.4  | 116.8  | 115.4  | 115.4  | 112.7  | 112.7  | 112.7  | 112.7  | 111.3  | 112.7  |
| 82.5°  | 85.2   | 83.8   | 81.1   | 79.7   | 77.0   | 78.3   | 78.3   | 75.6   | 75.6   | 74.2   | 75.6   |
| 85°    | 49.5   | 49.5   | 46.7   | 45.3   | 44.0   | 45.3   | 42.6   | 41.2   | 42.6   | 41.2   | 42.6   |
| 87.5°  | 23.4   | 20.6   | 22.0   | 20.6   | 17.9   | 19.2   | 16.5   | 17.9   | 16.5   | 15.1   | 17.9   |
| 90°    | 6.0    | 6.4    | 6.8    | 7.1    | 7.1    | 7.1    | 7.5    | 7.8    | 7.5    | 7.5    | 7.5    |
| 92.5°  | 115.9  | 85.7   | 64.0   | 50.5   | 46.0   | 41.6   | 36.3   | 33.8   | 32.4   | 32.4   | 32.4   |
| 95°    | 298.0  | 263.5  | 208.4  | 160.7  | 143.4  | 126.2  | 108.8  | 97.8   | 91.4   | 86.8   | 91.4   |
| 97.5°  | 373.7  | 379.4  | 352.0  | 312.9  | 293.0  | 273.1  | 248.9  | 227.6  | 216.9  | 208.4  | 216.9  |
| 100°   | 376.9  | 428.9  | 436.0  | 418.5  | 405.4  | 392.2  | 361.3  | 339.6  | 328.9  | 326.1  | 328.9  |
| 102.5° | 350.3  | 426.4  | 468.7  | 479.4  | 475.8  | 472.2  | 456.2  | 442.0  | 430.6  | 428.5  | 430.6  |
| 105°   | 316.8  | 398.3  | 459.8  | 495.0  | 502.3  | 509.6  | 510.3  | 507.4  | 502.5  | 500.3  | 502.5  |
| 107.5° | 289.5  | 363.8  | 430.3  | 479.4  | 494.3  | 509.2  | 524.9  | 531.3  | 534.1  | 534.5  | 534.1  |
| 110°   | 269.9  | 333.2  | 394.7  | 446.3  | 465.8  | 485.4  | 510.6  | 525.6  | 532.0  | 535.2  | 532.0  |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 258.9 | 310.8 | 363.4 | 411.4 | 431.0 | 450.6 | 480.1 | 498.9 | 508.5 | 514.2 | 508.5 |
| 115°   | 252.8 | 297.3 | 341.0 | 382.6 | 399.7 | 416.8 | 444.9 | 466.2 | 477.6 | 480.4 | 477.6 |
| 117.5° | 249.6 | 289.5 | 326.4 | 360.2 | 375.2 | 390.1 | 415.0 | 433.5 | 445.6 | 447.4 | 445.6 |
| 120°   | 247.1 | 284.5 | 317.6 | 346.0 | 358.6 | 371.3 | 391.5 | 407.2 | 416.4 | 420.3 | 416.4 |
| 122.5° | 244.3 | 280.2 | 311.9 | 337.1 | 347.8 | 358.4 | 374.8 | 387.6 | 395.1 | 399.0 | 395.1 |
| 125°   | 241.1 | 275.2 | 305.8 | 330.4 | 340.2 | 349.9 | 364.1 | 374.5 | 381.2 | 383.3 | 381.2 |
| 127.5° | 236.8 | 269.5 | 299.1 | 323.6 | 332.8 | 342.1 | 356.3 | 365.6 | 371.3 | 373.4 | 371.3 |
| 130°   | 232.9 | 262.4 | 290.5 | 314.7 | 324.2 | 333.6 | 348.1 | 357.0 | 362.7 | 364.9 | 362.7 |
| 132.5° | 229.4 | 255.0 | 280.9 | 304.4 | 313.8 | 323.2 | 337.5 | 347.8 | 353.1 | 355.2 | 353.1 |
| 135°   | 225.8 | 248.2 | 271.3 | 293.0 | 301.9 | 310.8 | 325.0 | 335.0 | 340.7 | 342.8 | 340.7 |
| 137.5° | 222.6 | 241.8 | 262.1 | 280.9 | 289.1 | 297.3 | 310.8 | 321.1 | 325.7 | 328.2 | 325.7 |
| 140°   | 220.1 | 236.5 | 253.2 | 269.2 | 276.6 | 284.1 | 296.6 | 304.4 | 309.4 | 312.2 | 309.4 |
| 142.5° | 218.0 | 231.5 | 245.7 | 258.9 | 265.1 | 271.3 | 282.0 | 289.1 | 293.4 | 295.2 | 293.4 |
| 145°   | 215.5 | 226.9 | 239.0 | 249.6 | 254.6 | 259.6 | 268.5 | 274.5 | 278.1 | 279.9 | 278.1 |
| 147.5° | 213.4 | 223.0 | 232.9 | 241.8 | 245.9 | 250.0 | 256.7 | 262.1 | 264.9 | 265.6 | 264.9 |
| 150°   | 210.9 | 219.4 | 227.6 | 234.7 | 237.9 | 241.1 | 246.8 | 251.4 | 253.5 | 253.9 | 253.5 |
| 152.5° | 208.0 | 215.5 | 222.3 | 228.7 | 231.2 | 233.6 | 238.3 | 241.8 | 242.9 | 243.2 | 242.9 |
| 155°   | 205.2 | 211.6 | 217.3 | 222.6 | 224.8 | 226.9 | 230.4 | 233.3 | 234.3 | 234.3 | 234.3 |
| 157.5° | 202.3 | 207.3 | 212.3 | 216.9 | 218.7 | 220.5 | 223.3 | 225.5 | 226.2 | 226.2 | 226.2 |
| 160°   | 199.1 | 203.4 | 207.3 | 211.2 | 212.6 | 214.1 | 216.2 | 218.3 | 218.7 | 218.7 | 218.7 |
| 162.5° | 196.3 | 199.5 | 202.7 | 205.5 | 206.8 | 208.0 | 209.5 | 211.6 | 211.9 | 211.6 | 211.9 |
| 165°   | 193.1 | 195.9 | 198.1 | 200.6 | 201.4 | 202.3 | 203.8 | 205.2 | 204.8 | 204.5 | 204.8 |
| 167.5° | 190.2 | 192.4 | 194.2 | 196.3 | 196.9 | 197.4 | 198.1 | 199.1 | 199.1 | 198.8 | 199.1 |
| 170°   | 187.4 | 189.2 | 190.2 | 191.7 | 192.2 | 192.7 | 193.4 | 193.8 | 193.4 | 193.4 | 193.4 |
| 172.5° | 184.9 | 186.3 | 187.0 | 187.8 | 188.2 | 188.5 | 188.8 | 189.2 | 188.8 | 188.1 | 188.8 |
| 175°   | 183.1 | 183.8 | 184.2 | 184.9 | 184.9 | 184.9 | 184.9 | 185.6 | 184.9 | 184.2 | 184.9 |
| 177.5° | 181.7 | 182.1 | 182.4 | 182.4 | 182.6 | 182.8 | 182.4 | 182.8 | 182.1 | 181.4 | 182.1 |
| 180°   | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1789.2 | 1785.1 | 1779.6 | 1779.6 | 1772.7 | 1772.7 | 1761.7 | 1742.5 | 1726.0 | 1720.5 | 1723.3 |
| 5°     | 1941.8 | 1943.1 | 1934.9 | 1928.0 | 1915.7 | 1906.0 | 1888.2 | 1853.8 | 1842.8 | 1820.8 | 1805.7 |
| 7.5°   | 2116.3 | 2110.8 | 2095.7 | 2084.7 | 2081.9 | 2059.9 | 2021.5 | 1980.2 | 1947.3 | 1925.3 | 1893.7 |
| 10°    | 2312.8 | 2290.8 | 2268.8 | 2262.0 | 2245.5 | 2208.4 | 2164.4 | 2119.0 | 2073.7 | 2025.6 | 1972.0 |
| 12.5°  | 2477.7 | 2435.1 | 2433.7 | 2417.2 | 2385.6 | 2365.0 | 2312.8 | 2248.2 | 2169.9 | 2116.3 | 2055.8 |
| 15°    | 2655.0 | 2615.1 | 2582.1 | 2551.9 | 2536.8 | 2476.3 | 2432.4 | 2351.3 | 2257.8 | 2200.1 | 2158.9 |
| 17.5°  | 2781.4 | 2763.5 | 2707.2 | 2693.5 | 2672.8 | 2602.8 | 2532.7 | 2453.0 | 2371.9 | 2290.8 | 2179.5 |
| 20°    | 2883.1 | 2872.1 | 2835.0 | 2815.8 | 2782.8 | 2727.8 | 2642.6 | 2550.5 | 2457.1 | 2341.7 | 2237.2 |
| 22.5°  | 2927.1 | 2913.3 | 2883.1 | 2866.6 | 2846.0 | 2799.3 | 2726.4 | 2622.0 | 2499.7 | 2396.6 | 2285.3 |
| 25°    | 2840.5 | 2865.2 | 2857.0 | 2850.1 | 2841.9 | 2814.4 | 2759.4 | 2667.4 | 2547.8 | 2431.0 | 2292.2 |
| 27.5°  | 2645.4 | 2688.0 | 2729.2 | 2734.7 | 2748.4 | 2759.4 | 2737.4 | 2671.5 | 2571.2 | 2447.5 | 2294.9 |
| 30°    | 2382.9 | 2402.1 | 2486.0 | 2510.7 | 2529.9 | 2600.0 | 2641.2 | 2624.8 | 2547.8 | 2436.5 | 2296.3 |
| 32.5°  | 2046.2 | 2097.1 | 2182.3 | 2241.3 | 2293.6 | 2371.9 | 2479.1 | 2521.7 | 2494.2 | 2403.5 | 2264.7 |
| 35°    | 1727.4 | 1787.9 | 1886.8 | 1962.4 | 2014.6 | 2125.9 | 2252.3 | 2344.4 | 2378.8 | 2333.4 | 2209.7 |
| 37.5°  | 1466.3 | 1539.1 | 1627.1 | 1655.9 | 1716.4 | 1853.8 | 2028.3 | 2156.1 | 2240.0 | 2244.1 | 2147.9 |
| 40°    | 1269.8 | 1306.9 | 1377.0 | 1420.9 | 1480.0 | 1595.5 | 1765.9 | 1934.9 | 2061.3 | 2103.9 | 2053.1 |
| 42.5°  | 1103.5 | 1132.4 | 1184.6 | 1238.2 | 1291.8 | 1379.7 | 1536.4 | 1694.4 | 1864.8 | 1950.0 | 1948.6 |
| 45°    | 971.6  | 1001.8 | 1037.5 | 1081.5 | 1118.6 | 1213.4 | 1337.1 | 1499.3 | 1646.3 | 1778.2 | 1811.2 |
| 47.5°  | 856.1  | 882.2  | 926.2  | 945.5  | 970.2  | 1059.5 | 1166.7 | 1317.9 | 1470.4 | 1621.6 | 1660.1 |
| 50°    | 770.9  | 792.9  | 823.2  | 835.5  | 863.0  | 929.0  | 1016.9 | 1139.2 | 1308.3 | 1447.0 | 1518.5 |
| 52.5°  | 694.0  | 710.5  | 733.8  | 743.5  | 762.7  | 812.2  | 891.9  | 988.1  | 1128.2 | 1271.1 | 1371.5 |
| 55°    | 628.0  | 639.0  | 655.5  | 666.5  | 680.2  | 724.2  | 783.3  | 869.9  | 990.8  | 1114.5 | 1212.1 |
| 57.5°  | 566.2  | 574.4  | 590.9  | 596.4  | 607.4  | 641.8  | 683.0  | 755.8  | 867.1  | 977.1  | 1071.9 |
| 60°    | 508.5  | 514.0  | 523.6  | 535.9  | 544.2  | 567.6  | 606.0  | 666.5  | 755.8  | 856.1  | 933.1  |
| 62.5°  | 453.5  | 461.7  | 464.5  | 470.0  | 476.9  | 498.8  | 529.1  | 573.0  | 651.4  | 733.8  | 814.9  |
| 65°    | 397.1  | 404.0  | 409.5  | 410.9  | 417.8  | 434.3  | 461.7  | 500.2  | 551.1  | 622.5  | 698.1  |
| 67.5°  | 344.9  | 349.1  | 351.8  | 357.3  | 364.2  | 372.4  | 394.4  | 423.3  | 470.0  | 527.7  | 588.2  |
| 70°    | 296.8  | 296.8  | 301.0  | 302.3  | 310.6  | 320.2  | 329.8  | 357.3  | 398.5  | 445.2  | 486.5  |
| 72.5°  | 244.6  | 251.5  | 250.1  | 257.0  | 255.6  | 262.5  | 274.8  | 292.7  | 322.9  | 360.0  | 399.9  |
| 75°    | 199.3  | 203.4  | 203.4  | 203.4  | 206.1  | 211.6  | 218.5  | 235.0  | 258.4  | 288.6  | 311.9  |
| 77.5°  | 155.3  | 158.0  | 158.0  | 158.0  | 159.4  | 164.9  | 171.8  | 182.8  | 199.3  | 217.1  | 230.9  |
| 80°    | 111.3  | 114.1  | 114.1  | 116.8  | 116.8  | 118.2  | 125.1  | 130.6  | 138.8  | 152.5  | 166.3  |
| 82.5°  | 75.6   | 77.0   | 79.7   | 79.7   | 78.3   | 81.1   | 82.5   | 87.9   | 96.2   | 98.9   | 108.6  |
| 85°    | 41.2   | 42.6   | 44.0   | 44.0   | 45.3   | 48.1   | 46.7   | 52.2   | 52.2   | 57.7   | 60.5   |
| 87.5°  | 16.5   | 19.2   | 19.2   | 17.9   | 19.2   | 19.2   | 19.2   | 22.0   | 23.4   | 24.7   | 23.4   |
| 90°    | 7.8    | 7.5    | 7.1    | 7.1    | 7.1    | 6.8    | 6.4    | 6.0    | 6.4    | 5.7    | 5.0    |
| 92.5°  | 33.8   | 36.3   | 41.6   | 46.0   | 50.5   | 64.0   | 85.7   | 115.9  | 139.4  | 122.0  | 88.5   |
| 95°    | 97.8   | 108.8  | 126.2  | 143.4  | 160.7  | 208.4  | 263.5  | 298.0  | 289.8  | 218.7  | 133.7  |
| 97.5°  | 227.6  | 248.9  | 273.1  | 293.0  | 312.9  | 352.0  | 379.4  | 373.7  | 310.1  | 209.5  | 122.0  |
| 100°   | 339.6  | 361.3  | 392.2  | 405.4  | 418.5  | 436.0  | 428.9  | 376.9  | 285.9  | 185.6  | 113.1  |
| 102.5° | 442.0  | 456.2  | 472.2  | 475.8  | 479.4  | 468.7  | 426.4  | 350.3  | 255.7  | 169.6  | 110.6  |
| 105°   | 507.4  | 510.3  | 509.6  | 502.3  | 495.0  | 459.8  | 398.3  | 316.8  | 233.3  | 161.8  | 112.0  |
| 107.5° | 531.3  | 524.9  | 509.2  | 494.3  | 479.4  | 430.3  | 363.8  | 289.5  | 218.7  | 159.7  | 116.3  |
| 110°   | 525.6  | 510.6  | 485.4  | 465.8  | 446.3  | 394.7  | 333.2  | 269.9  | 211.9  | 160.4  | 121.3  |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 498.9 | 480.1 | 450.6 | 431.0  | 411.4 | 363.4 | 310.8 | 258.9 | 208.7 | 162.5 | 126.6 |
| 115°   | 466.2 | 444.9 | 416.8 | 399.7  | 382.6 | 341.0 | 297.3 | 252.8 | 208.0 | 165.4 | 132.3 |
| 117.5° | 433.5 | 415.0 | 390.1 | 375.2  | 360.2 | 326.4 | 289.5 | 249.6 | 207.7 | 168.2 | 138.0 |
| 120°   | 407.2 | 391.5 | 371.3 | 358.6  | 346.0 | 317.6 | 284.5 | 247.1 | 207.7 | 171.4 | 144.0 |
| 122.5° | 387.6 | 374.8 | 358.4 | 347.8  | 337.1 | 311.9 | 280.2 | 244.3 | 207.3 | 174.6 | 149.7 |
| 125°   | 374.5 | 364.1 | 349.9 | 340.2  | 330.4 | 305.8 | 275.2 | 241.1 | 207.0 | 177.8 | 155.4 |
| 127.5° | 365.6 | 356.3 | 342.1 | 332.8  | 323.6 | 299.1 | 269.5 | 236.8 | 206.3 | 180.3 | 160.4 |
| 130°   | 357.0 | 348.1 | 333.6 | 324.2  | 314.7 | 290.5 | 262.4 | 232.9 | 205.9 | 183.1 | 165.0 |
| 132.5° | 347.8 | 337.5 | 323.2 | 313.8  | 304.4 | 280.9 | 255.0 | 229.4 | 205.5 | 185.6 | 169.6 |
| 135°   | 335.0 | 325.0 | 310.8 | 301.9  | 293.0 | 271.3 | 248.2 | 225.8 | 205.2 | 188.1 | 173.5 |
| 137.5° | 321.1 | 310.8 | 297.3 | 289.1  | 280.9 | 262.1 | 241.8 | 222.6 | 205.2 | 189.5 | 176.4 |
| 140°   | 304.4 | 296.6 | 284.1 | 276.6  | 269.2 | 253.2 | 236.5 | 220.1 | 204.8 | 191.3 | 179.2 |
| 142.5° | 289.1 | 282.0 | 271.3 | 265.1  | 258.9 | 245.7 | 231.5 | 218.0 | 204.8 | 192.7 | 181.4 |
| 145°   | 274.5 | 268.5 | 259.6 | 254.6  | 249.6 | 239.0 | 226.9 | 215.5 | 204.1 | 193.1 | 182.8 |
| 147.5° | 262.1 | 256.7 | 250.0 | 245.9  | 241.8 | 232.9 | 223.0 | 213.4 | 203.1 | 193.4 | 184.2 |
| 150°   | 251.4 | 246.8 | 241.1 | 237.9  | 234.7 | 227.6 | 219.4 | 210.9 | 202.0 | 193.4 | 185.3 |
| 152.5° | 241.8 | 238.3 | 233.6 | 231.2  | 228.7 | 222.3 | 215.5 | 208.0 | 200.2 | 192.7 | 186.0 |
| 155°   | 233.3 | 230.4 | 226.9 | 224.8  | 222.6 | 217.3 | 211.6 | 205.2 | 198.4 | 192.0 | 186.3 |
| 157.5° | 225.5 | 223.3 | 220.5 | 218.7  | 216.9 | 212.3 | 207.3 | 202.3 | 196.6 | 191.3 | 186.3 |
| 160°   | 218.3 | 216.2 | 214.1 | 212.6  | 211.2 | 207.3 | 203.4 | 199.1 | 194.5 | 190.2 | 186.3 |
| 162.5° | 211.6 | 209.5 | 208.0 | 206.8  | 205.5 | 202.7 | 199.5 | 196.3 | 192.4 | 189.2 | 186.3 |
| 165°   | 205.2 | 203.8 | 202.3 | 201.4  | 200.6 | 198.1 | 195.9 | 193.1 | 190.2 | 187.8 | 185.6 |
| 167.5° | 199.1 | 198.1 | 197.4 | 196.9  | 196.3 | 194.2 | 192.4 | 190.2 | 188.1 | 186.3 | 184.9 |
| 170°   | 193.8 | 193.4 | 192.7 | 192.2  | 191.7 | 190.2 | 189.2 | 187.4 | 186.0 | 184.9 | 184.2 |
| 172.5° | 189.2 | 188.8 | 188.5 | 188.2  | 187.8 | 187.0 | 186.3 | 184.9 | 183.8 | 183.5 | 183.5 |
| 175°   | 185.6 | 184.9 | 184.9 | 184.9  | 184.9 | 184.2 | 183.8 | 183.1 | 182.4 | 182.4 | 182.8 |
| 177.5° | 182.8 | 182.4 | 182.8 | 182.6  | 182.4 | 182.4 | 182.1 | 181.7 | 181.4 | 181.4 | 182.1 |
| 180°   | 181.0 | 181.0 | 181.0 | 181.0  | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 |

TEST NUMBER: P1000652

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1710.9 | 1705.4 | 1701.3 | 1701.3 | 1688.9 | 1676.5 | 1669.7 | 1666.9 | 1664.2 | 1653.2 | 1638.1 |
| 5°     | 1781.0 | 1763.1 | 1750.7 | 1738.4 | 1717.8 | 1695.8 | 1673.8 | 1661.4 | 1643.6 | 1618.8 | 1601.0 |
| 7.5°   | 1859.3 | 1816.7 | 1803.0 | 1787.9 | 1746.6 | 1709.5 | 1679.3 | 1653.2 | 1624.3 | 1592.7 | 1561.1 |
| 10°    | 1925.3 | 1879.9 | 1849.7 | 1823.6 | 1770.0 | 1720.5 | 1675.2 | 1636.7 | 1599.6 | 1558.4 | 1519.9 |
| 12.5°  | 1988.5 | 1923.9 | 1892.3 | 1853.8 | 1797.5 | 1726.0 | 1666.9 | 1618.8 | 1563.9 | 1521.3 | 1474.5 |
| 15°    | 2076.4 | 1967.9 | 1915.7 | 1890.9 | 1815.3 | 1731.5 | 1660.1 | 1588.6 | 1543.2 | 1478.7 | 1437.4 |
| 17.5°  | 2090.2 | 2002.2 | 1967.9 | 1904.7 | 1814.0 | 1719.1 | 1636.7 | 1565.2 | 1496.5 | 1438.8 | 1385.2 |
| 20°    | 2138.3 | 2022.8 | 1967.9 | 1928.0 | 1808.5 | 1712.3 | 1621.6 | 1529.5 | 1463.5 | 1401.7 | 1341.2 |
| 22.5°  | 2168.5 | 2038.0 | 1980.2 | 1917.0 | 1803.0 | 1687.5 | 1580.3 | 1500.6 | 1419.6 | 1356.3 | 1308.3 |
| 25°    | 2160.3 | 2029.7 | 1965.1 | 1906.0 | 1767.2 | 1651.8 | 1555.6 | 1453.9 | 1378.3 | 1309.6 | 1246.4 |
| 27.5°  | 2156.1 | 2009.1 | 1940.4 | 1874.4 | 1743.9 | 1622.9 | 1502.0 | 1419.6 | 1335.7 | 1256.0 | 1209.3 |
| 30°    | 2145.1 | 1983.0 | 1903.3 | 1831.8 | 1695.8 | 1569.4 | 1466.3 | 1370.1 | 1286.3 | 1213.4 | 1151.6 |
| 32.5°  | 2108.0 | 1939.0 | 1862.1 | 1785.1 | 1643.6 | 1517.1 | 1412.7 | 1323.4 | 1239.5 | 1164.0 | 1104.9 |
| 35°    | 2058.6 | 1886.8 | 1803.0 | 1721.9 | 1580.3 | 1452.5 | 1356.3 | 1262.9 | 1184.6 | 1111.7 | 1055.4 |
| 37.5°  | 2009.1 | 1826.3 | 1748.0 | 1654.6 | 1524.0 | 1390.7 | 1291.8 | 1207.9 | 1135.1 | 1059.5 | 997.7  |
| 40°    | 1937.6 | 1754.9 | 1668.3 | 1588.6 | 1436.1 | 1311.0 | 1220.3 | 1144.7 | 1073.3 | 1001.8 | 949.6  |
| 42.5°  | 1840.1 | 1676.5 | 1587.2 | 1499.3 | 1356.3 | 1232.7 | 1144.7 | 1077.4 | 1010.0 | 951.0  | 893.2  |
| 45°    | 1741.1 | 1581.7 | 1502.0 | 1423.7 | 1268.4 | 1151.6 | 1070.5 | 1008.7 | 952.3  | 887.7  | 841.0  |
| 47.5°  | 1621.6 | 1486.9 | 1407.2 | 1330.2 | 1183.2 | 1066.4 | 992.2  | 934.5  | 882.2  | 828.7  | 784.7  |
| 50°    | 1499.3 | 1382.5 | 1309.6 | 1229.9 | 1089.8 | 983.9  | 911.1  | 863.0  | 820.4  | 769.6  | 733.8  |
| 52.5°  | 1367.3 | 1265.7 | 1203.8 | 1126.9 | 1003.2 | 905.6  | 831.4  | 783.3  | 747.6  | 710.5  | 678.9  |
| 55°    | 1227.2 | 1153.0 | 1087.0 | 1025.2 | 908.4  | 820.4  | 754.4  | 711.8  | 687.1  | 652.8  | 625.3  |
| 57.5°  | 1100.7 | 1029.3 | 989.4  | 919.3  | 817.7  | 731.1  | 678.9  | 643.1  | 614.3  | 593.7  | 571.7  |
| 60°    | 968.8  | 911.1  | 867.1  | 816.3  | 727.0  | 654.1  | 599.2  | 578.5  | 548.3  | 533.2  | 523.6  |
| 62.5°  | 842.4  | 801.2  | 759.9  | 721.5  | 641.8  | 573.0  | 531.8  | 505.7  | 487.8  | 472.7  | 464.5  |
| 65°    | 722.8  | 684.4  | 655.5  | 621.1  | 555.2  | 500.2  | 461.7  | 441.1  | 423.3  | 419.1  | 409.5  |
| 67.5°  | 606.0  | 589.5  | 557.9  | 530.4  | 474.1  | 431.5  | 402.6  | 376.5  | 366.9  | 362.8  | 354.5  |
| 70°    | 507.1  | 487.8  | 463.1  | 439.7  | 397.1  | 360.0  | 333.9  | 324.3  | 310.6  | 309.2  | 299.6  |
| 72.5°  | 417.8  | 394.4  | 376.5  | 358.7  | 327.1  | 294.1  | 280.3  | 266.6  | 259.7  | 254.2  | 250.1  |
| 75°    | 331.2  | 314.7  | 302.3  | 287.2  | 259.7  | 237.7  | 218.5  | 213.0  | 208.9  | 207.5  | 204.8  |
| 77.5°  | 247.4  | 236.4  | 230.9  | 215.8  | 196.5  | 177.3  | 169.0  | 160.8  | 160.8  | 158.0  | 159.4  |
| 80°    | 175.9  | 169.0  | 162.2  | 153.9  | 137.4  | 129.2  | 122.3  | 116.8  | 114.1  | 112.7  | 114.1  |
| 82.5°  | 111.3  | 107.2  | 105.8  | 100.3  | 89.3   | 85.2   | 79.7   | 75.6   | 75.6   | 75.6   | 75.6   |
| 85°    | 61.8   | 61.8   | 61.8   | 53.6   | 49.5   | 45.3   | 42.6   | 41.2   | 41.2   | 41.2   | 42.6   |
| 87.5°  | 26.1   | 26.1   | 22.0   | 22.0   | 20.6   | 17.9   | 16.5   | 16.5   | 17.9   | 17.9   | 19.2   |
| 90°    | 5.0    | 2.8    | 2.8    | 2.8    | 2.5    | 2.1    | 1.1    | 0.4    | 1.1    | 2.1    | 2.5    |
| 92.5°  | 54.1   | 32.0   | 27.4   | 22.8   | 16.4   | 11.0   | 7.1    | 5.0    | 7.1    | 11.0   | 16.4   |
| 95°    | 75.4   | 44.5   | 37.0   | 29.5   | 21.0   | 16.4   | 12.8   | 11.7   | 12.8   | 16.4   | 21.0   |
| 97.5°  | 71.8   | 47.3   | 40.9   | 34.5   | 27.0   | 22.8   | 19.6   | 19.6   | 19.6   | 22.8   | 27.0   |
| 100°   | 72.9   | 51.9   | 46.2   | 40.5   | 33.8   | 29.5   | 27.0   | 27.0   | 27.0   | 29.5   | 33.8   |
| 102.5° | 76.5   | 58.0   | 52.6   | 47.3   | 40.9   | 37.0   | 34.8   | 34.1   | 34.8   | 37.0   | 40.9   |
| 105°   | 82.5   | 65.4   | 60.2   | 55.1   | 48.7   | 44.5   | 42.7   | 41.6   | 42.7   | 44.5   | 48.7   |
| 107.5° | 88.9   | 73.3   | 68.1   | 62.9   | 56.9   | 52.3   | 50.5   | 49.8   | 50.5   | 52.3   | 56.9   |
| 110°   | 96.4   | 80.7   | 75.9   | 71.1   | 64.7   | 60.5   | 58.7   | 58.0   | 58.7   | 60.5   | 64.7   |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 103.5 | 88.5  | 83.7   | 78.9  | 72.5  | 68.6  | 66.5  | 65.8  | 66.5  | 68.6  | 72.5  |
| 115°   | 110.9 | 96.7  | 91.9   | 87.1  | 80.4  | 76.8  | 74.3  | 73.3  | 74.3  | 76.8  | 80.4  |
| 117.5° | 118.1 | 104.5 | 99.6   | 94.6  | 88.2  | 84.3  | 82.1  | 81.1  | 82.1  | 84.3  | 88.2  |
| 120°   | 125.5 | 112.0 | 107.0  | 102.1 | 96.0  | 92.1  | 89.6  | 88.9  | 89.6  | 92.1  | 96.0  |
| 122.5° | 132.6 | 119.1 | 114.3  | 109.5 | 102.8 | 99.2  | 96.7  | 96.0  | 96.7  | 99.2  | 102.8 |
| 125°   | 139.0 | 126.2 | 121.2  | 116.3 | 109.5 | 105.6 | 103.5 | 102.1 | 103.5 | 105.6 | 109.5 |
| 127.5° | 145.1 | 132.6 | 127.6  | 122.7 | 115.6 | 111.3 | 108.8 | 107.7 | 108.8 | 111.3 | 115.6 |
| 130°   | 151.1 | 139.0 | 133.8  | 128.7 | 122.0 | 116.6 | 113.8 | 112.4 | 113.8 | 116.6 | 122.0 |
| 132.5° | 156.1 | 144.0 | 139.2  | 134.4 | 127.0 | 122.0 | 118.1 | 117.0 | 118.1 | 122.0 | 127.0 |
| 135°   | 160.7 | 149.0 | 144.4  | 139.8 | 132.3 | 126.2 | 122.7 | 121.3 | 122.7 | 126.2 | 132.3 |
| 137.5° | 164.3 | 153.3 | 148.9  | 144.4 | 136.6 | 130.9 | 127.0 | 125.5 | 127.0 | 130.9 | 136.6 |
| 140°   | 167.8 | 157.2 | 152.9  | 148.6 | 141.2 | 135.1 | 131.2 | 130.2 | 131.2 | 135.1 | 141.2 |
| 142.5° | 171.0 | 160.7 | 156.6  | 152.6 | 145.4 | 139.8 | 136.2 | 135.1 | 136.2 | 139.8 | 145.4 |
| 145°   | 173.2 | 163.9 | 160.0  | 156.1 | 149.4 | 144.4 | 140.8 | 139.8 | 140.8 | 144.4 | 149.4 |
| 147.5° | 175.7 | 166.8 | 163.2  | 159.7 | 154.0 | 148.6 | 145.4 | 145.1 | 145.4 | 148.6 | 154.0 |
| 150°   | 177.4 | 169.6 | 166.2  | 162.9 | 157.5 | 153.3 | 150.4 | 150.1 | 150.4 | 153.3 | 157.5 |
| 152.5° | 178.9 | 172.1 | 169.1  | 166.1 | 161.4 | 157.5 | 154.7 | 154.7 | 154.7 | 157.5 | 161.4 |
| 155°   | 180.3 | 174.2 | 171.6  | 168.9 | 165.0 | 161.4 | 159.3 | 159.0 | 159.3 | 161.4 | 165.0 |
| 157.5° | 181.4 | 176.0 | 173.9  | 171.8 | 168.2 | 165.4 | 163.2 | 163.2 | 163.2 | 165.4 | 168.2 |
| 160°   | 182.1 | 177.8 | 175.9  | 173.9 | 171.0 | 168.6 | 167.1 | 167.1 | 167.1 | 168.6 | 171.0 |
| 162.5° | 182.8 | 178.9 | 177.4  | 176.0 | 173.5 | 171.4 | 170.3 | 170.7 | 170.3 | 171.4 | 173.5 |
| 165°   | 182.8 | 179.6 | 178.5  | 177.4 | 175.7 | 173.9 | 173.2 | 173.2 | 173.2 | 173.9 | 175.7 |
| 167.5° | 182.8 | 180.3 | 179.4  | 178.5 | 177.4 | 176.0 | 175.7 | 176.0 | 175.7 | 176.0 | 177.4 |
| 170°   | 182.4 | 180.6 | 180.1  | 179.6 | 178.9 | 177.8 | 177.4 | 177.8 | 177.4 | 177.8 | 178.9 |
| 172.5° | 182.1 | 181.0 | 180.6  | 180.3 | 179.9 | 179.2 | 179.2 | 179.6 | 179.2 | 179.2 | 179.9 |
| 175°   | 181.7 | 181.0 | 181.0  | 181.0 | 180.6 | 180.3 | 180.3 | 180.6 | 180.3 | 180.3 | 180.6 |
| 177.5° | 181.4 | 181.0 | 181.0  | 181.0 | 181.0 | 180.6 | 181.0 | 181.4 | 181.0 | 180.6 | 181.0 |
| 180°   | 181.0 | 181.0 | 181.0  | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1633.9 | 1628.4 | 1631.2 | 1617.5 | 1605.1 | 1587.2 | 1572.1 | 1569.4 | 1566.6 | 1574.9 | 1569.4 |
| 5°     | 1587.2 | 1580.3 | 1573.5 | 1557.0 | 1532.2 | 1517.1 | 1495.1 | 1493.8 | 1485.5 | 1473.2 | 1475.9 |
| 7.5°   | 1536.4 | 1532.2 | 1522.6 | 1496.5 | 1474.5 | 1448.4 | 1430.6 | 1415.4 | 1408.6 | 1397.6 | 1393.5 |
| 10°    | 1495.1 | 1480.0 | 1471.8 | 1442.9 | 1416.8 | 1389.3 | 1366.0 | 1355.0 | 1342.6 | 1333.0 | 1326.1 |
| 12.5°  | 1438.8 | 1434.7 | 1411.3 | 1388.0 | 1366.0 | 1334.4 | 1316.5 | 1284.9 | 1268.4 | 1276.6 | 1273.9 |
| 15°    | 1401.7 | 1382.5 | 1377.0 | 1344.0 | 1306.9 | 1286.3 | 1253.3 | 1232.7 | 1225.8 | 1213.4 | 1198.3 |
| 17.5°  | 1352.2 | 1339.9 | 1320.6 | 1290.4 | 1247.8 | 1218.9 | 1195.6 | 1176.3 | 1168.1 | 1151.6 | 1139.2 |
| 20°    | 1305.5 | 1284.9 | 1269.8 | 1242.3 | 1201.1 | 1164.0 | 1135.1 | 1122.7 | 1102.1 | 1088.4 | 1081.5 |
| 22.5°  | 1262.9 | 1247.8 | 1225.8 | 1184.6 | 1148.8 | 1113.1 | 1078.8 | 1060.9 | 1041.7 | 1033.4 | 1022.4 |
| 25°    | 1210.7 | 1185.9 | 1170.8 | 1125.5 | 1087.0 | 1058.1 | 1026.5 | 1003.2 | 992.2  | 978.4  | 975.7  |
| 27.5°  | 1159.8 | 1136.5 | 1118.6 | 1078.8 | 1032.0 | 994.9  | 975.7  | 959.2  | 940.0  | 940.0  | 933.1  |
| 30°    | 1109.0 | 1092.5 | 1065.0 | 1026.5 | 982.6  | 946.8  | 924.8  | 909.7  | 902.9  | 897.4  | 896.0  |
| 32.5°  | 1058.1 | 1036.2 | 1019.7 | 967.4  | 934.5  | 901.5  | 885.0  | 872.6  | 864.4  | 863.0  | 864.4  |
| 35°    | 1005.9 | 981.2  | 964.7  | 918.0  | 885.0  | 854.8  | 847.9  | 836.9  | 832.8  | 831.4  | 838.3  |
| 37.5°  | 951.0  | 931.7  | 911.1  | 872.6  | 835.5  | 817.7  | 803.9  | 799.8  | 798.4  | 806.7  | 809.4  |
| 40°    | 900.1  | 883.6  | 864.4  | 823.2  | 795.7  | 776.4  | 769.6  | 765.4  | 770.9  | 779.2  | 783.3  |
| 42.5°  | 852.0  | 828.7  | 813.5  | 776.4  | 751.7  | 740.7  | 732.5  | 732.5  | 738.0  | 747.6  | 754.4  |
| 45°    | 801.2  | 783.3  | 768.2  | 735.2  | 713.2  | 700.8  | 699.5  | 700.8  | 707.7  | 714.6  | 722.8  |
| 47.5°  | 751.7  | 733.8  | 717.3  | 689.9  | 670.6  | 663.7  | 662.4  | 663.7  | 674.7  | 684.4  | 694.0  |
| 50°    | 706.3  | 687.1  | 672.0  | 645.9  | 630.8  | 622.5  | 623.9  | 630.8  | 639.0  | 652.8  | 665.1  |
| 52.5°  | 652.8  | 639.0  | 625.3  | 601.9  | 588.2  | 582.7  | 586.8  | 592.3  | 607.4  | 617.0  | 632.1  |
| 55°    | 600.5  | 588.2  | 577.2  | 559.3  | 548.3  | 544.2  | 546.9  | 555.2  | 567.6  | 584.0  | 601.9  |
| 57.5°  | 552.4  | 538.7  | 527.7  | 515.3  | 503.0  | 504.3  | 505.7  | 516.7  | 531.8  | 546.9  | 567.6  |
| 60°    | 498.8  | 490.6  | 481.0  | 465.9  | 460.4  | 460.4  | 464.5  | 476.9  | 490.6  | 515.3  | 533.2  |
| 62.5°  | 450.7  | 439.7  | 432.9  | 423.3  | 415.0  | 416.4  | 426.0  | 437.0  | 453.5  | 474.1  | 497.5  |
| 65°    | 401.3  | 388.9  | 383.4  | 375.2  | 372.4  | 373.8  | 380.7  | 397.1  | 415.0  | 432.9  | 454.9  |
| 67.5°  | 346.3  | 342.2  | 336.7  | 328.4  | 331.2  | 332.6  | 339.4  | 353.2  | 372.4  | 390.3  | 415.0  |
| 70°    | 299.6  | 291.3  | 290.0  | 283.1  | 283.1  | 287.2  | 301.0  | 310.6  | 328.4  | 347.7  | 373.8  |
| 72.5°  | 250.1  | 243.2  | 243.2  | 237.7  | 241.9  | 246.0  | 252.9  | 266.6  | 283.1  | 302.3  | 324.3  |
| 75°    | 199.3  | 196.5  | 199.3  | 196.5  | 196.5  | 203.4  | 211.6  | 222.6  | 240.5  | 261.1  | 279.0  |
| 77.5°  | 153.9  | 153.9  | 152.5  | 156.7  | 156.7  | 160.8  | 171.8  | 182.8  | 196.5  | 213.0  | 232.2  |
| 80°    | 112.7  | 112.7  | 112.7  | 116.8  | 120.9  | 120.9  | 127.8  | 141.5  | 153.9  | 164.9  | 182.8  |
| 82.5°  | 77.0   | 77.0   | 77.0   | 79.7   | 85.2   | 85.2   | 93.4   | 101.7  | 115.4  | 125.1  | 133.3  |
| 85°    | 46.7   | 46.7   | 45.3   | 48.1   | 49.5   | 53.6   | 60.5   | 66.0   | 72.8   | 81.1   | 89.3   |
| 87.5°  | 20.6   | 20.6   | 22.0   | 23.4   | 24.7   | 27.5   | 30.2   | 33.0   | 39.9   | 42.6   | 46.7   |
| 90°    | 2.8    | 2.8    | 2.8    | 5.0    | 5.0    | 5.7    | 6.4    | 6.0    | 6.4    | 6.8    | 7.1    |
| 92.5°  | 22.8   | 27.4   | 32.0   | 54.1   | 88.5   | 122.0  | 139.4  | 115.9  | 85.7   | 64.0   | 50.5   |
| 95°    | 29.5   | 37.0   | 44.5   | 75.4   | 133.7  | 218.7  | 289.8  | 298.0  | 263.5  | 208.4  | 160.7  |
| 97.5°  | 34.5   | 40.9   | 47.3   | 71.8   | 122.0  | 209.5  | 310.1  | 373.7  | 379.4  | 352.0  | 312.9  |
| 100°   | 40.5   | 46.2   | 51.9   | 72.9   | 113.1  | 185.6  | 285.9  | 376.9  | 428.9  | 436.0  | 418.5  |
| 102.5° | 47.3   | 52.6   | 58.0   | 76.5   | 110.6  | 169.6  | 255.7  | 350.3  | 426.4  | 468.7  | 479.4  |
| 105°   | 55.1   | 60.2   | 65.4   | 82.5   | 112.0  | 161.8  | 233.3  | 316.8  | 398.3  | 459.8  | 495.0  |
| 107.5° | 62.9   | 68.1   | 73.3   | 88.9   | 116.3  | 159.7  | 218.7  | 289.5  | 363.8  | 430.3  | 479.4  |
| 110°   | 71.1   | 75.9   | 80.7   | 96.4   | 121.3  | 160.4  | 211.9  | 269.9  | 333.2  | 394.7  | 446.3  |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 78.9  | 83.7   | 88.5  | 103.5 | 126.6 | 162.5 | 208.7 | 258.9 | 310.8 | 363.4 | 411.4 |
| 115°   | 87.1  | 91.9   | 96.7  | 110.9 | 132.3 | 165.4 | 208.0 | 252.8 | 297.3 | 341.0 | 382.6 |
| 117.5° | 94.6  | 99.6   | 104.5 | 118.1 | 138.0 | 168.2 | 207.7 | 249.6 | 289.5 | 326.4 | 360.2 |
| 120°   | 102.1 | 107.0  | 112.0 | 125.5 | 144.0 | 171.4 | 207.7 | 247.1 | 284.5 | 317.6 | 346.0 |
| 122.5° | 109.5 | 114.3  | 119.1 | 132.6 | 149.7 | 174.6 | 207.3 | 244.3 | 280.2 | 311.9 | 337.1 |
| 125°   | 116.3 | 121.2  | 126.2 | 139.0 | 155.4 | 177.8 | 207.0 | 241.1 | 275.2 | 305.8 | 330.4 |
| 127.5° | 122.7 | 127.6  | 132.6 | 145.1 | 160.4 | 180.3 | 206.3 | 236.8 | 269.5 | 299.1 | 323.6 |
| 130°   | 128.7 | 133.8  | 139.0 | 151.1 | 165.0 | 183.1 | 205.9 | 232.9 | 262.4 | 290.5 | 314.7 |
| 132.5° | 134.4 | 139.2  | 144.0 | 156.1 | 169.6 | 185.6 | 205.5 | 229.4 | 255.0 | 280.9 | 304.4 |
| 135°   | 139.8 | 144.4  | 149.0 | 160.7 | 173.5 | 188.1 | 205.2 | 225.8 | 248.2 | 271.3 | 293.0 |
| 137.5° | 144.4 | 148.9  | 153.3 | 164.3 | 176.4 | 189.5 | 205.2 | 222.6 | 241.8 | 262.1 | 280.9 |
| 140°   | 148.6 | 152.9  | 157.2 | 167.8 | 179.2 | 191.3 | 204.8 | 220.1 | 236.5 | 253.2 | 269.2 |
| 142.5° | 152.6 | 156.6  | 160.7 | 171.0 | 181.4 | 192.7 | 204.8 | 218.0 | 231.5 | 245.7 | 258.9 |
| 145°   | 156.1 | 160.0  | 163.9 | 173.2 | 182.8 | 193.1 | 204.1 | 215.5 | 226.9 | 239.0 | 249.6 |
| 147.5° | 159.7 | 163.2  | 166.8 | 175.7 | 184.2 | 193.4 | 203.1 | 213.4 | 223.0 | 232.9 | 241.8 |
| 150°   | 162.9 | 166.2  | 169.6 | 177.4 | 185.3 | 193.4 | 202.0 | 210.9 | 219.4 | 227.6 | 234.7 |
| 152.5° | 166.1 | 169.1  | 172.1 | 178.9 | 186.0 | 192.7 | 200.2 | 208.0 | 215.5 | 222.3 | 228.7 |
| 155°   | 168.9 | 171.6  | 174.2 | 180.3 | 186.3 | 192.0 | 198.4 | 205.2 | 211.6 | 217.3 | 222.6 |
| 157.5° | 171.8 | 173.9  | 176.0 | 181.4 | 186.3 | 191.3 | 196.6 | 202.3 | 207.3 | 212.3 | 216.9 |
| 160°   | 173.9 | 175.9  | 177.8 | 182.1 | 186.3 | 190.2 | 194.5 | 199.1 | 203.4 | 207.3 | 211.2 |
| 162.5° | 176.0 | 177.4  | 178.9 | 182.8 | 186.3 | 189.2 | 192.4 | 196.3 | 199.5 | 202.7 | 205.5 |
| 165°   | 177.4 | 178.5  | 179.6 | 182.8 | 185.6 | 187.8 | 190.2 | 193.1 | 195.9 | 198.1 | 200.6 |
| 167.5° | 178.5 | 179.4  | 180.3 | 182.8 | 184.9 | 186.3 | 188.1 | 190.2 | 192.4 | 194.2 | 196.3 |
| 170°   | 179.6 | 180.1  | 180.6 | 182.4 | 184.2 | 184.9 | 186.0 | 187.4 | 189.2 | 190.2 | 191.7 |
| 172.5° | 180.3 | 180.6  | 181.0 | 182.1 | 183.5 | 183.5 | 183.8 | 184.9 | 186.3 | 187.0 | 187.8 |
| 175°   | 181.0 | 181.0  | 181.0 | 181.7 | 182.8 | 182.4 | 182.4 | 183.1 | 183.8 | 184.2 | 184.9 |
| 177.5° | 181.0 | 181.0  | 181.0 | 181.4 | 182.1 | 181.4 | 181.4 | 181.7 | 182.1 | 182.4 | 182.4 |
| 180°   | 181.0 | 181.0  | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1565.2 | 1563.9 | 1557.0 | 1559.7 | 1551.5 | 1554.2 | 1558.4 | 1559.7 | 1565.2 | 1561.1 | 1559.7 |
| 5°     | 1469.0 | 1466.3 | 1462.2 | 1458.0 | 1456.7 | 1462.2 | 1452.5 | 1455.3 | 1458.0 | 1462.2 | 1467.7 |
| 7.5°   | 1390.7 | 1389.3 | 1385.2 | 1378.3 | 1375.6 | 1372.8 | 1374.2 | 1383.8 | 1382.5 | 1381.1 | 1390.7 |
| 10°    | 1319.2 | 1320.6 | 1312.4 | 1311.0 | 1302.8 | 1301.4 | 1302.8 | 1305.5 | 1309.6 | 1315.1 | 1316.5 |
| 12.5°  | 1245.0 | 1262.9 | 1247.8 | 1242.3 | 1229.9 | 1236.8 | 1239.5 | 1227.2 | 1234.0 | 1238.2 | 1258.8 |
| 15°    | 1198.3 | 1190.1 | 1180.5 | 1180.5 | 1175.0 | 1172.2 | 1165.3 | 1175.0 | 1180.5 | 1188.7 | 1185.9 |
| 17.5°  | 1133.7 | 1120.0 | 1114.5 | 1109.0 | 1110.4 | 1115.9 | 1100.7 | 1122.7 | 1122.7 | 1126.9 | 1120.0 |
| 20°    | 1077.4 | 1066.4 | 1059.5 | 1056.8 | 1052.6 | 1049.9 | 1048.5 | 1054.0 | 1062.3 | 1065.0 | 1071.9 |
| 22.5°  | 1018.3 | 1018.3 | 1007.3 | 1003.2 | 1000.4 | 996.3  | 1003.2 | 999.1  | 1004.6 | 1010.0 | 1021.0 |
| 25°    | 968.8  | 968.8  | 964.7  | 959.2  | 955.1  | 952.3  | 956.5  | 955.1  | 959.2  | 966.1  | 968.8  |
| 27.5°  | 929.0  | 924.8  | 923.5  | 922.1  | 920.7  | 922.1  | 920.7  | 924.8  | 929.0  | 930.3  | 927.6  |
| 30°    | 894.6  | 890.5  | 891.9  | 891.9  | 893.2  | 891.9  | 890.5  | 894.6  | 896.0  | 893.2  | 894.6  |
| 32.5°  | 863.0  | 863.0  | 865.8  | 867.1  | 867.1  | 868.5  | 869.9  | 867.1  | 868.5  | 864.4  | 865.8  |
| 35°    | 836.9  | 839.6  | 842.4  | 843.8  | 845.1  | 843.8  | 846.5  | 845.1  | 842.4  | 839.6  | 838.3  |
| 37.5°  | 810.8  | 813.5  | 819.0  | 820.4  | 824.5  | 825.9  | 823.2  | 823.2  | 821.8  | 816.3  | 813.5  |
| 40°    | 783.3  | 786.1  | 792.9  | 797.0  | 799.8  | 803.9  | 801.2  | 801.2  | 795.7  | 790.2  | 786.1  |
| 42.5°  | 757.2  | 762.7  | 769.6  | 773.7  | 779.2  | 779.2  | 779.2  | 776.4  | 769.6  | 764.1  | 759.9  |
| 45°    | 731.1  | 732.5  | 742.1  | 748.9  | 754.4  | 754.4  | 754.4  | 750.3  | 746.2  | 735.2  | 729.7  |
| 47.5°  | 702.2  | 706.3  | 717.3  | 724.2  | 729.7  | 731.1  | 731.1  | 727.0  | 718.7  | 709.1  | 702.2  |
| 50°    | 670.6  | 677.5  | 689.9  | 699.5  | 706.3  | 709.1  | 705.0  | 702.2  | 692.6  | 681.6  | 673.4  |
| 52.5°  | 640.4  | 648.6  | 663.7  | 672.0  | 681.6  | 683.0  | 681.6  | 677.5  | 666.5  | 651.4  | 644.5  |
| 55°    | 610.2  | 617.0  | 633.5  | 647.3  | 655.5  | 658.2  | 655.5  | 648.6  | 634.9  | 619.8  | 612.9  |
| 57.5°  | 577.2  | 586.8  | 604.7  | 618.4  | 628.0  | 629.4  | 626.6  | 619.8  | 608.8  | 589.5  | 579.9  |
| 60°    | 542.8  | 555.2  | 573.0  | 586.8  | 599.2  | 600.5  | 597.8  | 588.2  | 574.4  | 555.2  | 546.9  |
| 62.5°  | 508.5  | 518.1  | 538.7  | 553.8  | 563.4  | 570.3  | 564.8  | 555.2  | 541.4  | 522.2  | 509.8  |
| 65°    | 468.6  | 482.3  | 500.2  | 514.0  | 525.0  | 526.3  | 523.6  | 515.3  | 500.2  | 479.6  | 470.0  |
| 67.5°  | 430.1  | 439.7  | 457.6  | 475.5  | 479.6  | 483.7  | 479.6  | 471.4  | 459.0  | 441.1  | 427.4  |
| 70°    | 383.4  | 391.7  | 413.6  | 426.0  | 431.5  | 435.6  | 432.9  | 424.6  | 413.6  | 397.1  | 386.2  |
| 72.5°  | 336.7  | 343.6  | 364.2  | 373.8  | 384.8  | 383.4  | 382.0  | 376.5  | 361.4  | 350.4  | 343.6  |
| 75°    | 287.2  | 295.5  | 309.2  | 321.6  | 325.7  | 325.7  | 325.7  | 321.6  | 311.9  | 294.1  | 287.2  |
| 77.5°  | 241.9  | 246.0  | 257.0  | 263.8  | 268.0  | 269.3  | 268.0  | 261.1  | 255.6  | 243.2  | 239.1  |
| 80°    | 185.5  | 196.5  | 204.8  | 206.1  | 211.6  | 211.6  | 211.6  | 208.9  | 203.4  | 191.0  | 189.6  |
| 82.5°  | 140.2  | 142.9  | 151.2  | 155.3  | 158.0  | 156.7  | 156.7  | 151.2  | 149.8  | 142.9  | 140.2  |
| 85°    | 94.8   | 98.9   | 97.6   | 103.1  | 104.4  | 101.7  | 101.7  | 104.4  | 97.6   | 98.9   | 94.8   |
| 87.5°  | 52.2   | 52.2   | 55.0   | 53.6   | 59.1   | 59.1   | 56.3   | 57.7   | 55.0   | 53.6   | 52.2   |
| 90°    | 7.1    | 7.1    | 7.5    | 7.8    | 7.5    | 7.5    | 7.5    | 7.8    | 7.5    | 7.1    | 7.1    |
| 92.5°  | 46.0   | 41.6   | 36.3   | 33.8   | 32.4   | 32.4   | 32.4   | 33.8   | 36.3   | 41.6   | 46.0   |
| 95°    | 143.4  | 126.2  | 108.8  | 97.8   | 91.4   | 86.8   | 91.4   | 97.8   | 108.8  | 126.2  | 143.4  |
| 97.5°  | 293.0  | 273.1  | 248.9  | 227.6  | 216.9  | 208.4  | 216.9  | 227.6  | 248.9  | 273.1  | 293.0  |
| 100°   | 405.4  | 392.2  | 361.3  | 339.6  | 328.9  | 326.1  | 328.9  | 339.6  | 361.3  | 392.2  | 405.4  |
| 102.5° | 475.8  | 472.2  | 456.2  | 442.0  | 430.6  | 428.5  | 430.6  | 442.0  | 456.2  | 472.2  | 475.8  |
| 105°   | 502.3  | 509.6  | 510.3  | 507.4  | 502.5  | 500.3  | 502.5  | 507.4  | 510.3  | 509.6  | 502.3  |
| 107.5° | 494.3  | 509.2  | 524.9  | 531.3  | 534.1  | 534.5  | 534.1  | 531.3  | 524.9  | 509.2  | 494.3  |
| 110°   | 465.8  | 485.4  | 510.6  | 525.6  | 532.0  | 535.2  | 532.0  | 525.6  | 510.6  | 485.4  | 465.8  |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 431.0  | 450.6 | 480.1 | 498.9 | 508.5 | 514.2 | 508.5 | 498.9 | 480.1 | 450.6 | 431.0  |
| 115°   | 399.7  | 416.8 | 444.9 | 466.2 | 477.6 | 480.4 | 477.6 | 466.2 | 444.9 | 416.8 | 399.7  |
| 117.5° | 375.2  | 390.1 | 415.0 | 433.5 | 445.6 | 447.4 | 445.6 | 433.5 | 415.0 | 390.1 | 375.2  |
| 120°   | 358.6  | 371.3 | 391.5 | 407.2 | 416.4 | 420.3 | 416.4 | 407.2 | 391.5 | 371.3 | 358.6  |
| 122.5° | 347.8  | 358.4 | 374.8 | 387.6 | 395.1 | 399.0 | 395.1 | 387.6 | 374.8 | 358.4 | 347.8  |
| 125°   | 340.2  | 349.9 | 364.1 | 374.5 | 381.2 | 383.3 | 381.2 | 374.5 | 364.1 | 349.9 | 340.2  |
| 127.5° | 332.8  | 342.1 | 356.3 | 365.6 | 371.3 | 373.4 | 371.3 | 365.6 | 356.3 | 342.1 | 332.8  |
| 130°   | 324.2  | 333.6 | 348.1 | 357.0 | 362.7 | 364.9 | 362.7 | 357.0 | 348.1 | 333.6 | 324.2  |
| 132.5° | 313.8  | 323.2 | 337.5 | 347.8 | 353.1 | 355.2 | 353.1 | 347.8 | 337.5 | 323.2 | 313.8  |
| 135°   | 301.9  | 310.8 | 325.0 | 335.0 | 340.7 | 342.8 | 340.7 | 335.0 | 325.0 | 310.8 | 301.9  |
| 137.5° | 289.1  | 297.3 | 310.8 | 321.1 | 325.7 | 328.2 | 325.7 | 321.1 | 310.8 | 297.3 | 289.1  |
| 140°   | 276.6  | 284.1 | 296.6 | 304.4 | 309.4 | 312.2 | 309.4 | 304.4 | 296.6 | 284.1 | 276.6  |
| 142.5° | 265.1  | 271.3 | 282.0 | 289.1 | 293.4 | 295.2 | 293.4 | 289.1 | 282.0 | 271.3 | 265.1  |
| 145°   | 254.6  | 259.6 | 268.5 | 274.5 | 278.1 | 279.9 | 278.1 | 274.5 | 268.5 | 259.6 | 254.6  |
| 147.5° | 245.9  | 250.0 | 256.7 | 262.1 | 264.9 | 265.6 | 264.9 | 262.1 | 256.7 | 250.0 | 245.9  |
| 150°   | 237.9  | 241.1 | 246.8 | 251.4 | 253.5 | 253.9 | 253.5 | 251.4 | 246.8 | 241.1 | 237.9  |
| 152.5° | 231.2  | 233.6 | 238.3 | 241.8 | 242.9 | 243.2 | 242.9 | 241.8 | 238.3 | 233.6 | 231.2  |
| 155°   | 224.8  | 226.9 | 230.4 | 233.3 | 234.3 | 234.3 | 234.3 | 233.3 | 230.4 | 226.9 | 224.8  |
| 157.5° | 218.7  | 220.5 | 223.3 | 225.5 | 226.2 | 226.2 | 226.2 | 225.5 | 223.3 | 220.5 | 218.7  |
| 160°   | 212.6  | 214.1 | 216.2 | 218.3 | 218.7 | 218.7 | 218.7 | 218.3 | 216.2 | 214.1 | 212.6  |
| 162.5° | 206.8  | 208.0 | 209.5 | 211.6 | 211.9 | 211.6 | 211.9 | 211.6 | 209.5 | 208.0 | 206.8  |
| 165°   | 201.4  | 202.3 | 203.8 | 205.2 | 204.8 | 204.5 | 204.8 | 205.2 | 203.8 | 202.3 | 201.4  |
| 167.5° | 196.9  | 197.4 | 198.1 | 199.1 | 199.1 | 198.8 | 199.1 | 199.1 | 198.1 | 197.4 | 196.9  |
| 170°   | 192.2  | 192.7 | 193.4 | 193.8 | 193.4 | 193.4 | 193.4 | 193.8 | 193.4 | 192.7 | 192.2  |
| 172.5° | 188.2  | 188.5 | 188.8 | 189.2 | 188.8 | 188.1 | 188.8 | 189.2 | 188.8 | 188.5 | 188.2  |
| 175°   | 184.9  | 184.9 | 184.9 | 185.6 | 184.9 | 184.2 | 184.9 | 185.6 | 184.9 | 184.9 | 184.9  |
| 177.5° | 182.6  | 182.8 | 182.4 | 182.8 | 182.1 | 181.4 | 182.1 | 182.8 | 182.4 | 182.8 | 182.6  |
| 180°   | 181.0  | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0  |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1559.7 | 1568.0 | 1559.7 | 1565.2 | 1568.0 | 1574.9 | 1577.6 | 1590.0 | 1594.1 | 1603.7 | 1603.7 |
| 5°     | 1466.3 | 1470.4 | 1471.8 | 1477.3 | 1482.8 | 1496.5 | 1506.1 | 1524.0 | 1544.6 | 1547.4 | 1559.7 |
| 7.5°   | 1390.7 | 1397.6 | 1408.6 | 1404.4 | 1414.1 | 1434.7 | 1447.0 | 1469.0 | 1489.6 | 1500.6 | 1515.8 |
| 10°    | 1323.4 | 1331.6 | 1335.7 | 1339.9 | 1357.7 | 1375.6 | 1394.8 | 1409.9 | 1437.4 | 1453.9 | 1466.3 |
| 12.5°  | 1268.4 | 1261.5 | 1269.8 | 1284.9 | 1305.5 | 1316.5 | 1342.6 | 1366.0 | 1386.6 | 1404.4 | 1415.4 |
| 15°    | 1196.9 | 1202.4 | 1210.7 | 1236.8 | 1242.3 | 1269.8 | 1279.4 | 1305.5 | 1344.0 | 1360.5 | 1374.2 |
| 17.5°  | 1128.2 | 1146.1 | 1162.6 | 1172.2 | 1188.7 | 1210.7 | 1238.2 | 1267.0 | 1291.8 | 1311.0 | 1327.5 |
| 20°    | 1073.3 | 1091.1 | 1100.7 | 1107.6 | 1124.1 | 1154.3 | 1180.5 | 1216.2 | 1247.8 | 1262.9 | 1284.9 |
| 22.5°  | 1029.3 | 1029.3 | 1043.0 | 1063.6 | 1073.3 | 1102.1 | 1124.1 | 1162.6 | 1196.9 | 1216.2 | 1236.8 |
| 25°    | 974.3  | 982.6  | 993.6  | 1011.4 | 1025.2 | 1048.5 | 1080.1 | 1113.1 | 1150.2 | 1166.7 | 1192.8 |
| 27.5°  | 929.0  | 938.6  | 953.7  | 957.8  | 971.6  | 992.2  | 1025.2 | 1060.9 | 1099.4 | 1117.2 | 1139.2 |
| 30°    | 894.6  | 900.1  | 905.6  | 913.9  | 926.2  | 944.1  | 971.6  | 1003.2 | 1049.9 | 1063.6 | 1091.1 |
| 32.5°  | 864.4  | 867.1  | 869.9  | 876.7  | 883.6  | 901.5  | 923.5  | 957.8  | 996.3  | 1016.9 | 1041.7 |
| 35°    | 836.9  | 834.1  | 835.5  | 839.6  | 846.5  | 853.4  | 876.7  | 905.6  | 941.3  | 966.1  | 985.3  |
| 37.5°  | 810.8  | 805.3  | 803.9  | 803.9  | 806.7  | 814.9  | 832.8  | 857.5  | 896.0  | 916.6  | 935.8  |
| 40°    | 781.9  | 776.4  | 773.7  | 772.3  | 770.9  | 776.4  | 790.2  | 814.9  | 845.1  | 864.4  | 886.4  |
| 42.5°  | 754.4  | 748.9  | 742.1  | 740.7  | 738.0  | 740.7  | 750.3  | 773.7  | 799.8  | 819.0  | 836.9  |
| 45°    | 727.0  | 717.3  | 709.1  | 703.6  | 705.0  | 700.8  | 707.7  | 725.6  | 755.8  | 768.2  | 786.1  |
| 47.5°  | 696.7  | 685.7  | 674.7  | 669.2  | 663.7  | 666.5  | 669.2  | 684.4  | 710.5  | 722.8  | 740.7  |
| 50°    | 667.9  | 652.8  | 640.4  | 633.5  | 629.4  | 626.6  | 629.4  | 644.5  | 663.7  | 674.7  | 689.9  |
| 52.5°  | 634.9  | 619.8  | 607.4  | 596.4  | 590.9  | 586.8  | 588.2  | 601.9  | 619.8  | 630.8  | 645.9  |
| 55°    | 604.7  | 585.4  | 568.9  | 555.2  | 551.1  | 549.7  | 548.3  | 557.9  | 573.0  | 584.0  | 596.4  |
| 57.5°  | 570.3  | 551.1  | 533.2  | 516.7  | 508.5  | 507.1  | 507.1  | 509.8  | 529.1  | 537.3  | 544.2  |
| 60°    | 535.9  | 515.3  | 496.1  | 481.0  | 468.6  | 464.5  | 463.1  | 468.6  | 478.2  | 486.5  | 496.1  |
| 62.5°  | 497.5  | 476.9  | 453.5  | 439.7  | 427.4  | 416.4  | 420.5  | 421.9  | 435.6  | 439.7  | 448.0  |
| 65°    | 460.4  | 437.0  | 417.8  | 395.8  | 382.0  | 375.2  | 372.4  | 375.2  | 386.2  | 387.5  | 393.0  |
| 67.5°  | 417.8  | 395.8  | 372.4  | 357.3  | 344.9  | 332.6  | 329.8  | 329.8  | 335.3  | 339.4  | 346.3  |
| 70°    | 376.5  | 354.5  | 328.4  | 311.9  | 299.6  | 288.6  | 284.5  | 283.1  | 287.2  | 290.0  | 296.8  |
| 72.5°  | 328.4  | 306.4  | 287.2  | 269.3  | 254.2  | 246.0  | 241.9  | 239.1  | 243.2  | 246.0  | 247.4  |
| 75°    | 277.6  | 259.7  | 240.5  | 222.6  | 213.0  | 204.8  | 199.3  | 195.1  | 197.9  | 197.9  | 197.9  |
| 77.5°  | 229.5  | 211.6  | 196.5  | 184.1  | 171.8  | 162.2  | 158.0  | 153.9  | 155.3  | 155.3  | 158.0  |
| 80°    | 178.6  | 166.3  | 153.9  | 142.9  | 131.9  | 123.7  | 120.9  | 116.8  | 114.1  | 112.7  | 112.7  |
| 82.5°  | 131.9  | 122.3  | 111.3  | 101.7  | 96.2   | 87.9   | 85.2   | 79.7   | 79.7   | 78.3   | 78.3   |
| 85°    | 87.9   | 82.5   | 71.5   | 64.6   | 60.5   | 56.3   | 53.6   | 50.8   | 46.7   | 46.7   | 45.3   |
| 87.5°  | 46.7   | 44.0   | 41.2   | 33.0   | 33.0   | 28.9   | 27.5   | 26.1   | 22.0   | 23.4   | 23.4   |
| 90°    | 7.1    | 6.8    | 6.4    | 6.0    | 6.4    | 5.7    | 5.0    | 5.0    | 2.8    | 2.8    | 2.8    |
| 92.5°  | 50.5   | 64.0   | 85.7   | 115.9  | 139.4  | 122.0  | 88.5   | 54.1   | 32.0   | 27.4   | 22.8   |
| 95°    | 160.7  | 208.4  | 263.5  | 298.0  | 289.8  | 218.7  | 133.7  | 75.4   | 44.5   | 37.0   | 29.5   |
| 97.5°  | 312.9  | 352.0  | 379.4  | 373.7  | 310.1  | 209.5  | 122.0  | 71.8   | 47.3   | 40.9   | 34.5   |
| 100°   | 418.5  | 436.0  | 428.9  | 376.9  | 285.9  | 185.6  | 113.1  | 72.9   | 51.9   | 46.2   | 40.5   |
| 102.5° | 479.4  | 468.7  | 426.4  | 350.3  | 255.7  | 169.6  | 110.6  | 76.5   | 58.0   | 52.6   | 47.3   |
| 105°   | 495.0  | 459.8  | 398.3  | 316.8  | 233.3  | 161.8  | 112.0  | 82.5   | 65.4   | 60.2   | 55.1   |
| 107.5° | 479.4  | 430.3  | 363.8  | 289.5  | 218.7  | 159.7  | 116.3  | 88.9   | 73.3   | 68.1   | 62.9   |
| 110°   | 446.3  | 394.7  | 333.2  | 269.9  | 211.9  | 160.4  | 121.3  | 96.4   | 80.7   | 75.9   | 71.1   |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 411.4 | 363.4 | 310.8 | 258.9 | 208.7 | 162.5 | 126.6 | 103.5 | 88.5  | 83.7   | 78.9  |
| 115°   | 382.6 | 341.0 | 297.3 | 252.8 | 208.0 | 165.4 | 132.3 | 110.9 | 96.7  | 91.9   | 87.1  |
| 117.5° | 360.2 | 326.4 | 289.5 | 249.6 | 207.7 | 168.2 | 138.0 | 118.1 | 104.5 | 99.6   | 94.6  |
| 120°   | 346.0 | 317.6 | 284.5 | 247.1 | 207.7 | 171.4 | 144.0 | 125.5 | 112.0 | 107.0  | 102.1 |
| 122.5° | 337.1 | 311.9 | 280.2 | 244.3 | 207.3 | 174.6 | 149.7 | 132.6 | 119.1 | 114.3  | 109.5 |
| 125°   | 330.4 | 305.8 | 275.2 | 241.1 | 207.0 | 177.8 | 155.4 | 139.0 | 126.2 | 121.2  | 116.3 |
| 127.5° | 323.6 | 299.1 | 269.5 | 236.8 | 206.3 | 180.3 | 160.4 | 145.1 | 132.6 | 127.6  | 122.7 |
| 130°   | 314.7 | 290.5 | 262.4 | 232.9 | 205.9 | 183.1 | 165.0 | 151.1 | 139.0 | 133.8  | 128.7 |
| 132.5° | 304.4 | 280.9 | 255.0 | 229.4 | 205.5 | 185.6 | 169.6 | 156.1 | 144.0 | 139.2  | 134.4 |
| 135°   | 293.0 | 271.3 | 248.2 | 225.8 | 205.2 | 188.1 | 173.5 | 160.7 | 149.0 | 144.4  | 139.8 |
| 137.5° | 280.9 | 262.1 | 241.8 | 222.6 | 205.2 | 189.5 | 176.4 | 164.3 | 153.3 | 148.9  | 144.4 |
| 140°   | 269.2 | 253.2 | 236.5 | 220.1 | 204.8 | 191.3 | 179.2 | 167.8 | 157.2 | 152.9  | 148.6 |
| 142.5° | 258.9 | 245.7 | 231.5 | 218.0 | 204.8 | 192.7 | 181.4 | 171.0 | 160.7 | 156.6  | 152.6 |
| 145°   | 249.6 | 239.0 | 226.9 | 215.5 | 204.1 | 193.1 | 182.8 | 173.2 | 163.9 | 160.0  | 156.1 |
| 147.5° | 241.8 | 232.9 | 223.0 | 213.4 | 203.1 | 193.4 | 184.2 | 175.7 | 166.8 | 163.2  | 159.7 |
| 150°   | 234.7 | 227.6 | 219.4 | 210.9 | 202.0 | 193.4 | 185.3 | 177.4 | 169.6 | 166.2  | 162.9 |
| 152.5° | 228.7 | 222.3 | 215.5 | 208.0 | 200.2 | 192.7 | 186.0 | 178.9 | 172.1 | 169.1  | 166.1 |
| 155°   | 222.6 | 217.3 | 211.6 | 205.2 | 198.4 | 192.0 | 186.3 | 180.3 | 174.2 | 171.6  | 168.9 |
| 157.5° | 216.9 | 212.3 | 207.3 | 202.3 | 196.6 | 191.3 | 186.3 | 181.4 | 176.0 | 173.9  | 171.8 |
| 160°   | 211.2 | 207.3 | 203.4 | 199.1 | 194.5 | 190.2 | 186.3 | 182.1 | 177.8 | 175.9  | 173.9 |
| 162.5° | 205.5 | 202.7 | 199.5 | 196.3 | 192.4 | 189.2 | 186.3 | 182.8 | 178.9 | 177.4  | 176.0 |
| 165°   | 200.6 | 198.1 | 195.9 | 193.1 | 190.2 | 187.8 | 185.6 | 182.8 | 179.6 | 178.5  | 177.4 |
| 167.5° | 196.3 | 194.2 | 192.4 | 190.2 | 188.1 | 186.3 | 184.9 | 182.8 | 180.3 | 179.4  | 178.5 |
| 170°   | 191.7 | 190.2 | 189.2 | 187.4 | 186.0 | 184.9 | 184.2 | 182.4 | 180.6 | 180.1  | 179.6 |
| 172.5° | 187.8 | 187.0 | 186.3 | 184.9 | 183.8 | 183.5 | 183.5 | 182.1 | 181.0 | 180.6  | 180.3 |
| 175°   | 184.9 | 184.2 | 183.8 | 183.1 | 182.4 | 182.4 | 182.8 | 181.7 | 181.0 | 181.0  | 181.0 |
| 177.5° | 182.4 | 182.4 | 182.1 | 181.7 | 181.4 | 181.4 | 182.1 | 181.4 | 181.0 | 181.0  | 181.0 |
| 180°   | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0  | 181.0 |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1613.3 | 1627.1 | 1639.4 | 1658.7 |
| 5°     | 1577.6 | 1596.8 | 1622.9 | 1651.8 |
| 7.5°   | 1536.4 | 1566.6 | 1601.0 | 1640.8 |
| 10°    | 1497.9 | 1532.2 | 1576.2 | 1624.3 |
| 12.5°  | 1458.0 | 1499.3 | 1547.4 | 1599.6 |
| 15°    | 1412.7 | 1453.9 | 1507.5 | 1577.6 |
| 17.5°  | 1371.5 | 1420.9 | 1478.7 | 1552.9 |
| 20°    | 1323.4 | 1370.1 | 1433.3 | 1518.5 |
| 22.5°  | 1280.8 | 1334.4 | 1404.4 | 1478.7 |
| 25°    | 1234.0 | 1280.8 | 1350.9 | 1440.2 |
| 27.5°  | 1187.3 | 1245.0 | 1312.4 | 1399.0 |
| 30°    | 1142.0 | 1190.1 | 1262.9 | 1353.6 |
| 32.5°  | 1092.5 | 1150.2 | 1217.6 | 1302.8 |
| 35°    | 1038.9 | 1093.9 | 1157.1 | 1249.2 |
| 37.5°  | 990.8  | 1044.4 | 1109.0 | 1190.1 |
| 40°    | 937.2  | 993.6  | 1052.6 | 1133.7 |
| 42.5°  | 885.0  | 935.8  | 994.9  | 1069.1 |
| 45°    | 834.1  | 878.1  | 931.7  | 996.3  |
| 47.5°  | 781.9  | 819.0  | 868.5  | 926.2  |
| 50°    | 725.6  | 765.4  | 802.5  | 850.6  |
| 52.5°  | 673.4  | 707.7  | 738.0  | 777.8  |
| 55°    | 622.5  | 645.9  | 670.6  | 700.8  |
| 57.5°  | 568.9  | 586.8  | 604.7  | 636.3  |
| 60°    | 515.3  | 531.8  | 541.4  | 562.1  |
| 62.5°  | 463.1  | 470.0  | 482.3  | 494.7  |
| 65°    | 405.4  | 415.0  | 421.9  | 437.0  |
| 67.5°  | 353.2  | 357.3  | 364.2  | 373.8  |
| 70°    | 298.2  | 307.8  | 310.6  | 317.4  |
| 72.5°  | 251.5  | 255.6  | 258.4  | 259.7  |
| 75°    | 199.3  | 203.4  | 206.1  | 214.4  |
| 77.5°  | 156.7  | 155.3  | 160.8  | 162.2  |
| 80°    | 115.4  | 111.3  | 112.7  | 118.2  |
| 82.5°  | 75.6   | 77.0   | 75.6   | 75.6   |
| 85°    | 46.7   | 45.3   | 42.6   | 44.0   |
| 87.5°  | 20.6   | 20.6   | 19.2   | 19.2   |
| 90°    | 2.5    | 2.1    | 1.1    | 0.4    |
| 92.5°  | 16.4   | 11.0   | 7.1    | 5.0    |
| 95°    | 21.0   | 16.4   | 12.8   | 11.7   |
| 97.5°  | 27.0   | 22.8   | 19.6   | 19.6   |
| 100°   | 33.8   | 29.5   | 27.0   | 27.0   |
| 102.5° | 40.9   | 37.0   | 34.8   | 34.1   |
| 105°   | 48.7   | 44.5   | 42.7   | 41.6   |
| 107.5° | 56.9   | 52.3   | 50.5   | 49.8   |
| 110°   | 64.7   | 60.5   | 58.7   | 58.0   |

TEST NUMBER: P1000652

CATALOG NUMBER: SA4XXDIP-B1020D365UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 72.5  | 68.6  | 66.5  | 65.8  |
| 115°   | 80.4  | 76.8  | 74.3  | 73.3  |
| 117.5° | 88.2  | 84.3  | 82.1  | 81.1  |
| 120°   | 96.0  | 92.1  | 89.6  | 88.9  |
| 122.5° | 102.8 | 99.2  | 96.7  | 96.0  |
| 125°   | 109.5 | 105.6 | 103.5 | 102.1 |
| 127.5° | 115.6 | 111.3 | 108.8 | 107.7 |
| 130°   | 122.0 | 116.6 | 113.8 | 112.4 |
| 132.5° | 127.0 | 122.0 | 118.1 | 117.0 |
| 135°   | 132.3 | 126.2 | 122.7 | 121.3 |
| 137.5° | 136.6 | 130.9 | 127.0 | 125.5 |
| 140°   | 141.2 | 135.1 | 131.2 | 130.2 |
| 142.5° | 145.4 | 139.8 | 136.2 | 135.1 |
| 145°   | 149.4 | 144.4 | 140.8 | 139.8 |
| 147.5° | 154.0 | 148.6 | 145.4 | 145.1 |
| 150°   | 157.5 | 153.3 | 150.4 | 150.1 |
| 152.5° | 161.4 | 157.5 | 154.7 | 154.7 |
| 155°   | 165.0 | 161.4 | 159.3 | 159.0 |
| 157.5° | 168.2 | 165.4 | 163.2 | 163.2 |
| 160°   | 171.0 | 168.6 | 167.1 | 167.1 |
| 162.5° | 173.5 | 171.4 | 170.3 | 170.7 |
| 165°   | 175.7 | 173.9 | 173.2 | 173.2 |
| 167.5° | 177.4 | 176.0 | 175.7 | 176.0 |
| 170°   | 178.9 | 177.8 | 177.4 | 177.8 |
| 172.5° | 179.9 | 179.2 | 179.2 | 179.6 |
| 175°   | 180.6 | 180.3 | 180.3 | 180.6 |
| 177.5° | 181.0 | 180.6 | 181.0 | 181.4 |
| 180°   | 181.0 | 181.0 | 181.0 | 181.0 |

(END OF REPORT)